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ABSTRACT

The 1990 High School Transcript Study (HSTS) collected 21,607 transcripts from 330 schools. Similar studies were conducted of high school course taking patterns in 1987 (the 1987 High School Transcript Study of approximately 22,700 transcripts) and in 1982 (approximately 12,000 transcripts from the High School and Beyond Study). The introductory section of this report contains highlights of the results, descriptions of all three studies, an introduction to the tables of data, a discussion of the significance of differences reported in the tables, and the comparability of samples. Seventy-nine data tables document significant, across-the-board increases in the percentage of graduates taking core curriculum degree programs since 1987. The percentage of graduates taking at least a minimal academic program rose from 13.4 percent in 1982 to 28.6 percent in 1987 and 39.9 percent in 1990. The percentage of graduates taking the core curriculum rose from 1.9 percent in 1982 to 12.0 percent in 1987 and 17.3 percent in 1990. Appendix A provides the 79 data tables. Appendix B lists codes for within subject categories. (SLD)

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Tabulations April 1993

The 1990 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 1990, 1987, and 1982 High School Graduates

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Tabulations **April 1993**

The 1990 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 1990, 1987, and 1982 High School Graduates

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April 1993

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INTRODUCTION TO THE TABULATION OF TRANSCRIPT DATA FOR THE 1990 HIGH SCHOOL TRANSCRIPT STUDY

The 1990 High School Transcript Study (HSTS) was conducted by Westat, Inc. for the U.S. Department of Education's National Center for Education Statistics. Approximately 21,500 transcripts were collected from 330 schools. This study provides the Department of Education and other educational policy makers with information regarding current course offerings and course taking patterns in the nation's secondary schools.

Since similar studies were conducted of course taking patterns of 1987 and 1982 graduates, changes in these patterns can be studied. In particular, the data from this study permit analysts to investigate the impact of the "New Basics" curriculum introduced in the 1980s. The 1987 data are based on approximately 22,700 transcripts obtained as part of the 1987 High School Transcript Study. The 1982 data are based on approximately 12,000 transcripts collected by the High School and Beyond Project. All three studies coded the courses taken by students using the Classification of Secondary School Course (CSSC).[1]

This introduction contains the following major sections:

- Highlights of the results;
- Descriptions of the 1990, 1987, and 1982 studies;
- An introduction to the tables including:
  - An overview of the major types of tables included in the report;
  - Definitions of the variables used in the tables; and
  - Table-specific notes;
- Testing the significance of differences reported in the tables; and
- Comparability of the samples.

The data tables are in Appendix A.

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[1] M.J. Ludwig, L. Olivetti, N. Sandberg, and B. Waite, *A Classification of Secondary School Courses*, Alexandria, VA: Evaluation Technologies Incorporated, July 1982.

Highlights of the Results

These tables document significant, across-the-board increases in the percentage of graduates taking core curriculum degree programs since 1987. This increase continues a trend of increases from the first transcript study, which was conducted in 1982. Defining a minimal academic program as 4 years of English, 3 years of Social Studies, 3 years of Mathematics, and 3 years of Science and the "core curriculum" as a minimal academic program plus 2 years of Foreign Language and a half year of Computer Science[2] these tables show an increase in the percentage of graduates taking at least a minimal academic program from 13.4 percent in 1982 to 28.6 percent in 1987 and to 39.9 percent in 1990.[3] The percentage of graduates taking the core curriculum program increased from 1.9 percent in 1982 to 12.0 percent in 1987 and 17.3 percent in 1990 (see Tables 70 and 79). Other key findings are:

- Males and females showed significant increases in the percentage graduating after completing minimal academic programs and core curriculum programs (Table 71).
- There were significant increases in the completion of both minimal academic programs and core curriculum programs across all major ethnic groups except Asians between 1987 and 1990. However, the percentage of Asians in these categories remained stable and is still the highest of all the ethnic groups (Table 72).
- From 1987 to 1990, there were significant increases in the completion of minimal academic programs across all community types and in the completion of core curriculum programs in all community types except Urban Fringe (Table 74).
- From 1987 to 1990, there were increases in the completion of both minimal academic programs and core curriculum programs in both public and nonpublic schools. All were significant except for the 3.5 percent increase in core curriculum programs in the non-public schools (Table 75).

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[2] These definitions are the same as those used by William Bennett in "American Education, Marking It Work: A Report to the President and the American People," U.S. Department of Education, April, 1988. The core curriculum was called the "New Basics" curriculum in that report.

[3] All differences indicated as significant in this section are based on t-tests (with 10 degrees of freedom) using the estimates and standard errors contained in the tables.

- From 1987 to 1990, only the South Central region showed increases in the completion of both minimal academic programs and core curriculum programs which were large enough to be significant (Table 76).
- In 1990, the percentage of students completing at least the minimal academic program in states requiring that curriculum was more than double the percentage of students completing it in the remaining states (Table 77).
- In the states requiring the minimal academic program for graduation, there was a major increase in compliance with the requirement between 1987 and 1990. The percentage of graduates completing the core curriculum increased from 54.4 percent to 78.1 percent (Tables 77 and 78).

Descriptions of the Three Studies

A brief description of each study follows. For a full description, see the technical report for each of the studies.[4]

The 1987 and 1990 High School Transcript Studies

The 1990 High School Transcript Study was conducted using the methodology and techniques nearly identical to those used in the 1987 High School Transcript Study.

In the Spring of 1991, Westat collected high school transcripts from 21,607 students who graduated from high school in 1990 (23,270 were requested). These students attended 330 schools that had previously been sampled for the National Assessment of Educational Progress (NAEP), a federally funded, on-going, periodic assessment of educational achievement in the nation's schools. The sample of schools was a nationally representative sample of schools teaching grade 12 or having 17-year-old students (379 schools were selected for the sample; 8 of these had no 12th-grade students). The sample of students was a representative sample of graduating seniors from each school. Approximately three-fourths of the sampled students had participated in NAEP assessments in 1990. The remaining students attended schools that did not participate in NAEP or that did not retain the lists linking student names to NAEP IDs.

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[4] S. Legum, et al., *1990 High School Transcript Study Technical Report*. Rockville, MD: Westat, Inc., December 1992. J. Thorne, et al., *1987 High School Transcript Study Technical Report*, Rockville, MD: Westat, Inc., February 1989. C. Jones, et al., *High School and Beyond First Follow-up (1982)*, Technical Report. Chicago, IL: National Opinion Research Center, 1983. C. Jones, et al., *High School and Beyond Transcripts Survey (1982). Data Files User's Manual Contractor Report*, Chicago, IL: National Opinion Research Center, 1983.

Since the focus of the transcript study is high school graduates, schools with 17 year olds but without 12th grade are not included. In addition, only those students who graduated from high school in 1990 are included. Students who graduated prior to 1990 and were taking "post graduate" courses are excluded as are those 12th-grade students who failed to graduate in 1990.

The sample of schools for the 1987 High School Transcript Study (also conducted for NCES by Westat) consisted of a nationally representative sample of 497 secondary schools selected for the 1986 NAEP for grade 11/age 17 students, of which 433 schools participated. Four of these schools had no eligible nonhandicapped students. The 1987 study was restricted to graduates who were in grade 11 in 1985-86.

Because the 1982 High School and Beyond study used a different method for identifying handicapped students than did the 1987 and 1990 transcript studies, and in order to make the statistical summaries as comparable as possible, all the counts and percentages in this report are restricted to students whose records indicate that they had not participated in a special education program.[5] This restriction lowers the number of 1990 graduates represented in the tables to 20,866.

Each course appearing on a student's transcript was assigned a six-digit code[6] based on the course content and level (e.g., an on-grade-level, 10th-grade English course receives a particular code and is distinguished from a remedial 10th-grade English course). Course catalogs and other materials and information from the participating schools were used to determine the content and level of courses. The coding system employed was the Classification of Secondary School Courses (CSSC), containing approximately 1,800 course codes, with adaptations as necessary to distinguish levels of courses and to expand the vocational education course codes. Additional information coded for each course included grade and credit received; and student information included sex, grade level, age, graduation status, and race/ethnicity.

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[5] In 1990, students were classified as "handicapped" when the school provided us with a special form identifying them as having an Individualized Education Program (IEP). There are 569 students with the handicap flag set. A small number of graduates with special education diplomas who did not have IEPs are included in the statistical summaries.

[6] The codes used in the 1987 and 1990 High School Transcript Studies actually consisted of seven digits, but only the first six were used for the tables presented here. Only courses actually taken in grades 9-12 are included. Some seventh- and eighth-grade courses are included because they were taken for high school crediting in grades 9-12. Some of these courses are Spanish 7 and 8 (CSSC codes 160931 and 160932), Industrial Arts 7 and 8 (210101 and 210102), and Chorus 8, Advanced (500938).

Student transcript data were weighted for the purpose of making estimates of course taking by high school graduates nationwide. The final weight attached to an individual student record reflected two major aspects of the sample design and the population being surveyed. The first component, the base weight, was used to expand sample results to represent the total population and reflected the probability of selection in the sample (the product of the probability of selection of the primary sampling unit, and the school and student within the primary sampling unit). The second component resulted from the adjustment of the base weight to account for nonresponse within the sample and to ensure that the resulting survey estimates of certain characteristics (race/ethnicity, size of community, and region) conformed to those known reliably from external sources.

For the 1990 and 1987 studies, estimation of sampling errors was performed by an application of the jackknife procedure. The standard procedure used by Westat is to attach a set of replicate weights (56 in 1990 and 36 in 1987) to each record, one for each replicate. Variance estimation is then performed by repeating the estimation procedure 57 times (37 times in 1987), once using the original full set of sample weights, and once each for the set of 56 (or 36) replicate weights. The variability among replicate estimates is then used to derive an approximately unbiased estimate of sampling variance.[7] The number of replicates was increased from 36 for the 1986 NAEP assessment to 56 for the 1990 NAEP assessment to give more precise estimates of sampling variance; that is, to provide more degrees of freedom for standard error estimates. This procedure was used to obtain sampling errors for a large number of variables for the whole population and specified subgroups. See Chapter 6 of the *1990 High School Transcript Study Technical Report* for a detailed description of the jackknife procedure.

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[7] See Chapter 6 of S. Legum, et al., *1990 High School Transcript Study Technical Report*, Rockville, MD: Westat, Inc., December 1992, for a detailed description of the procedures used to estimate sampling variance.

High School and Beyond

In 1982, high school transcripts were collected for members of the High School and Beyond (HS&B) study's sophomore cohort who were selected to be in the second followup survey (about 12,000 transcripts). HS&B was conducted for NCES by the National Opinion Research Center (NORC). As in the 1987 and 1990 High School Transcript Studies, records were obtained from all types of high schools, public and private. Information from the transcripts, including specific courses taken, and grades and credits earned, were coded according to the CSSC coding system and were processed into a system of data files designed to be merged with HS&B questionnaire and test data files. Unlike the 1987 High School Transcript Study, some information was not coded, such as the identification of courses as remedial, regular, or advanced, as offered in a different location, or as designed for handicapped students.

Using information available on the Public Use Data File, Westat constructed 38 replicates for variance estimation in a manner similar to that used for the 1987 and 1990 studies, and used these to calculate estimates of sampling error in a similar manner to that described above. The weights used for estimation were obtained directly from the High School and Beyond Public Use Data File.

Introduction to the Tables

The purpose of the tables (see Appendix A) is to provide a detailed description of the course taking patterns of high school graduates in 1990 and to provide a means for determining what changes have taken place in these patterns since 1982. The approximately 1800 CSSC course codes were classified into various subject matter areas such as English, Mathematics, and History. This classification into subject areas is hierarchical. For example, the Mathematics category contains a number of subcategories including Geometry and Calculus. The full hierarchy and the six-digit CSSC codes associated with each subject matter grouping are shown in Appendix B.

There are five general types of tables:

- Tables displaying the distribution of graduates by student program (academic or vocational), school type (public/nonpublic), and demographic categories (gender, race/ethnicity, community type, and region) -- Tables 1-6
- A table displaying the number of 1990, 1987, and 1982 students receiving credit in all secondary subjects -- Table 7
- Tables displaying the mean number of credits in a subject earned by a particular subgroups of students -- Tables 8 and 13-20
- Tables displaying the percentage of graduates earning various number of credits in particular subject fields. -- Tables 9-12
- Tables displaying the percentage of students in subgroups who had taken at least a specified minimum number of credits in a subject -- Tables 21-78

Almost all of the tables display data from all three studies. Most tables displaying means and percentages from multiple years also contain the standard error of the estimate so that hypothesis tests can be performed. Unweighted frequencies and percentages do not have standard errors because they do not reflect national totals. Tables 1-6 are presented as descriptions of the demographic characteristics of the samples and are not directly related to course-taking patterns. For reasons of compactness, no standard errors have been included in Table 7. Since much of the data in this table is highly disaggregated, it should be used for exploratory purposes only. The means that appear in Tables 8-12 have standard errors reported in other tables. All remaining estimates are accompanied by standard errors. With the exceptions of Tables 1-3, which display both unweighted and weighted statistics for the classification variables, and Table 5, which displays an unweighted cross-classification of the other classification variables by type of student program, all estimates in the tables are weighted.

A final table (Table 79) displays the change in the percentage of graduates earning the indicated minimum number of credits in the core curriculum courses between 1987 and 1990 and between 1982 and 1990.

"Not Reported" Values for Demographic Variables

The 1987 and 1990 data contain a number of cases in which either the students gender or race/ethnicity are not available. These cases are listed as "Not Reported" in Tables 1 and 2. The 1982 data contain no such cases. The 1982 study was able to reduce the number of such cases because, as a longitudinal study, there were more opportunities to obtain demographic information than in a cross-sectional study. In addition, the 1982 data files provided to Westat contained imputed values for any remaining unknown gender or race/ethnicity values.

The sample sizes for the "Gender Not Reported" category are small (see Tables 1 and 2). There are 9 such students in 1990 and 56 in 1987. This means that, especially for 1990, estimates for means, percentages, and related standard errors for transcript data will be extremely unreliable. For this reason, with the exception of Tables 1 and 2, estimates and standard error estimates for this group of students have been omitted throughout this report. Note than this group is exceptionally small. All other subgroups presented in the tables have sample sizes of at least 175, so that this problem is unique to the "Gender Not Reported" categories.

Definitions of the Variables Used in the Tables

The following variables, which appear in the tabulations, are defined below: Student Program, Credit, Community Type, and Region.

STUDENT PROGRAM:

For the purpose of these tables, the student classification variable, "Student Program," has been defined as follows:

> Academic = The student has earned at least 12 credits in the following core course areas: English, History, Social Studies other than History, Mathematics, and/or Science, *and* has not met the requirements for vocational track, below.

Vocational = The student has earned at least three credits in a single occupationally specific vocational education area *and* has not met the requirements for academic track, above.

Both = The student has met the requirements above for *both* academic and vocational tracks. It is possible that some students in this category have taken more vocational courses than some students in the Vocational track.

Neither = The student has *not* met the requirements above for *either* academic or vocational track.

CREDIT:

For the 1987 and 1990 High School Transcript Studies, courses taken by students were coded with regard to the total number of credits the student earned for that course, standardized across schools such that one credit is approximately equal to one Carnegie unit; that is, to a single class period (45 to 60 minutes in length) once per day for a complete academic year. It must be noted that in some schools, certain courses are noncredit -- that is, students may complete the course with a passing grade but no credit is earned. In that case, the data file contains 0.0 credit for that course and the course is not counted for the current tables. This occurs most frequently in courses such as physical education, religion, or other courses not considered part of the core curriculum.

COMMUNITY TYPE:

The categories of community type that are available for the 1982 data are not identical to those used in 1987 and 1990, nor could they be collapsed to form comparable groupings. We have, therefore, limited the comparisons by community type to the 1987 and 1990 data.

The four categories of Community Type for the 1987 and 1990 tables are:

BIG CITY
URBAN FRINGE
MEDIUM CITY
SMALL PLACE

The three categories of Community Type for the 1982 tables are:

URBAN
SUBURBAN
RURAL

The 1987 and 1990 Community Type categories were assigned to cooperating schools on the basis of SDOC (sampling description of community) codes assigned to each county for sampling purposes, and on information from tables and maps from the Census Bureau's publication, ***Number of Inhabitants***.

The following definitions of the Community Type categories were used in 1990.

DOC code	Class	Limits
1	Big City	Within the city limits of a city with population greater than or equal to 200,000 [or within the city limits ofone of two or more central cities of an urbanized area with **combined** population greater than or equal to 200,000].
2	Urban Fringe	Outside the city limits but within the urbanized area of a Big City.
3	Medium City	Within the city limits of a place with a total population greater than or equal to 25,000 but less than 200,000; the place must **not** be in the urbanized area of a Big City.
4	Small Place	Open country or a place with a total population less than 25,000; the place must **not** be in the urbanized area of a Big City.

These definitions correspond to those used by NAEP in Years 15 and 17.

SDOC codes are defined as follows:

SDOC 1 - SMSA containing all or part of a central city of **200,000** or more population (Big City) in 1980.

SDOC 2 - Remaining counties in Big City SMSAs.

SDOC 3 - Other counties containing all or part of a place with **25,000** or more population in 1980.

SDOC 4 - Counties not qualifying for SDOC 1, 2, or 3 and not classified as "extreme rural" (SDOC 5).

REGION:

For the purpose of these tables, the four regions of the country are defined as containing the following states:

NORTHEAST (N.EAST) = Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, Pennsylvania, New Jersey (9 states).

SOUTH CENTRAL (S.CENT) = Maryland, Delaware, District of Columbia, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas (17 states).

NORTH CENTRAL (N.CENT) = Ohio, Indiana, Michigan, Wisconsin, Illinois, Missouri, Iowa, Minnesota, North Dakota, South Dakota, Nebraska, Kansas (12 states).

WEST = Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Nevada, California, Oregon, Washington, Alaska, and Hawaii (13 states).

Table-Specific Notes

Table 7:

Each code in the Classification of Secondary School Courses (CSSC) that occurred in the 1982, 1987, or 1990 transcript databases is presented in numerical order. A single course title is shown with each code, although the classification system itself includes more than one title for many of the codes. When a course is found on one or more 1990 transcripts, the title is the primary title in the 1990 revision of the CSSC. When a course is found only among 1982 or 1987 transcripts, the title in the table is identical to that used in the corresponding 1987 table (Table 1). When a 1982 code was changed, it is reported using the 1987 code and a cross reference is given to the 1982 code. No such reassignments were made for the 1990 study, although 18 codes were added to the CSSC during the coding operation. Only those CSSC codes which actually occur in one of the three studies appear in the table.

Tables 8 through 79:

Individual CSSC course codes have been classified, for the purpose of these tables, into subject matter groupings. The codes contained in each heading are shown in the listings in Appendix B, which appears at the end of the tabulations.

Tables 14 through 69 (Subject Matter Headings):

To conserve space, some subject field headings have been further abbreviated. See Appendix B for an exhaustive list of the courses included under each heading. The shorter and longer versions of each heading appear below:

SOCIAL STUDIES = SOCIAL STUDIES OTHER THAN HISTORY

COMPUTER SCIENCE = COMPUTER SCIENCE/PROGRAMMING/DATA PROCESSING

NON-OCC VOC ED = NON-OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION[8]

VOC GEN INTRO = OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION --[9] GENERAL INTRODUCTION

AGRICULTURE = OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- OCCUPATIONS

BUSINESS = OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- BUSINESS OCCUPATIONS

MARKETING = OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- MARKETING AND DISTRIBUTING

HEALTH = OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- HEALTH AND HUMAN SERVICES

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[8] Non-occupationally specific courses are general labor market preparation courses and include such topics as office supervision and business English.

[9] Occupationally specific courses include courses focused on one of the seven vocational areas: agriculture, business, marketing, health, home economics, trade and industry, and technical.

OCC HOME ECON = OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- HOME ECONOMICS OCCUPATIONS

TRADE AND INDUSTRY = OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- TRADE AND INDUSTRY

TECHNICAL = OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- TECHNICAL OCCUPATIONS

ARTS = VISUAL AND PERFORMING ARTS

PHYSICAL = PHYSICAL EDUCATION, EDUCATION SPORTS, AND HEALTH

8 through 69 (Student Classification):

To conserve space, some student classification variable headings have been abbreviated. The shorter and longer versions of each heading appear below:

HISPA = HISPANIC
ASIAN = ASIAN/PACIFIC ISLANDER
ACAD = ACADEMIC TRACK
VOC = VOCATIONAL TRACK

Tables 21 through 69 (Percentage of Graduates Earning Indicated Minimum Credits):

The number appearing in parentheses following the course or series of courses indicates the minimum number of credits that a student must have earned in the course(s) in order to be represented in the table. For combinations of courses, the student must meet the minimum number of credits in each component of the combination.

Tables 70 through 79 (Core Curriculum):

4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language = Students have earned the following minimum numbers of credits in each of the Core Curriculum Subject Areas:

4.0 credits in English courses
3.0 credits in History/Social Studies courses
3.0 credits in Science courses
3.0 credits in Mathematics courses
0.5 credits in Computer Science/Programming/Data Processing courses
2.0 credits in Foreign Language courses

Note that in 1987 the phrase "New Basics" was used where "Core Curriculum" is used in this study.

Tables 77 through 78 (States and Graduation Requirements):

These tables compare states with particular graduation requirements (Law #1 and Law #2) with other states. The Law #1 states have graduation requirements corresponding to the minimal academic program as defined at the beginning of this report. The Law #2 states require 1 less year of Science and 1 less year of Mathematics to graduate. The Law #1 states were the same in 1987 and 1990. The Law #2 states changed. These laws and the states with these laws in effect are as follows:

Law #1 =

4.0 credits in English courses
3.0 credits in History/Social Studies courses
3.0 credits in Science courses
3.0 credits in Mathematics courses

States with Law #1:

Florida
Louisiana
Pennsylvania

Law #2 =

4.0 credits in English courses
3.0 credits in History/Social Studies courses
2.0 credits in Science courses
2.0 credits in Mathematics courses

States with Law #2 in 1987:

Alabama
Alaska
Arkansas
Connecticut
Delaware
Florida
Georgia
Hawaii
Kansas
Louisiana
Maryland
New Mexico
New York
North Dakota
Pennsylvania
South Carolina
South Dakota
Vermont
Virginia
West Virginia
Wisconsin

States with Law #2 in 1990:

Alabama
Colorado
Connecticut
Delaware
Florida
Georgia
Hawaii
Louisiana
Maryland
New Mexico
New York
Oregon
Pennsylvania
South Carolina
Texas
Utah
Virginia
Wisconsin

Testing the Significance of Differences Reported in the Tables

The significance of the difference between any pair of estimates in the tables can be tested by using a t-test. To perform the test, calculate the value of t associated with the difference. This is the difference divided by the standard error of the difference. When comparing estimates across years the standard error of the difference is

$$\sqrt{SE_1^2 + SE_2^2}$$

where SE_1 is the standard error of the first estimate and SE_2 is the standard error of the second estimate. Thus, when the estimates are X_1 and X_2, the t-value is

$$t = \frac{|X_1 - X_2|}{\sqrt{SE_1^2 + SE_2^2}}$$

The difference is significant if the t-value is greater than what would be expected by chance for the appropriate number of degrees of freedom. For practical purposes, one should use 25 degrees of freedom for all inferences about subgroups that appear approximately uniformly in all primary sampling units (PSU) and 10 degrees of freedom for the remaining subgroups.[10] A reasonable rule of thumb to use for the tables in this report is the following: If the analysis involves the consideration of subgroup estimates for the subgroups defined by race/ethnicity, community type, or region, use 10 degrees of freedom. Otherwise, use 25 degrees of freedom. This guidance applies both to analyses within a single year and to analyses across years. At the 0.05 probability level with 25 degrees of freedom, t must be larger than 2.060 to be significant. With 10 degrees of freedom, t must be larger than 2.228.

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[10] For a detailed discussion of the estimation of sampling variance and the determination of the degrees of freedom, see Chapter 10 of the *1990 NAEP Technical Report* and Chapter 14 of the *1986 NAEP Technical Report*.

For example, to determine whether the mean number of graduates taking the most stringent of the New Basics requirements (4 years of English, 3 years of Social Studies, 3 years of Science, 3 years of Mathematics, one semester of Computer Science, and 2 years of Foreign Language) changed significantly from 1987 to 1990, consult the first line in Table 70. This line shows that the percentage of graduates taking these courses changed from 12.04 percent in 1987 to 17.32 percent in 1990. The standard errors for these percentages are 0.89 and 1.12, respectively. Thus the t-value for this difference is

$$(17.32 - 12.04) \div \sqrt{1.12^2 + 0.89^2} = 3.69$$

Since 3.69 is greater than 2.060, the difference of 5.24 percent is significant at the 0.05 level of probability.

Comparability of the Samples

The three samples are roughly comparable, but there are some differences which warrant notice when using these tables:

- The 1982 sample was drawn as part of the first followup to the High School and Beyond longitudinal study. The 1987 and 1990 studies were drawn as part of the corresponding NAEP samples. One result of this difference is that the 1982 study had more opportunity to obtain demographic information. On the other hand, because of students repeating years, transferring to different schools, or dropping out of school before their senior year, there was also a greater probability that final transcripts showing 4 years of high school could not be obtained for these students.

- The samples were drawn at different points in the students' high-school careers. The 1982 students were sampled when they were sophomores and were followed when they transferred to new schools. The 1987 students were sampled when they were juniors, but no attempt was made to follow them if they left school. The 1990 students were sampled in their senior year. Thus the 1987 study, unlike the others, has no students who transferred into their school during their senior year.

- All the samples use a multi-stage, stratified, and clustered design. There are differential rates of oversampling among the studies to reflect special interests. For instance the 1982 study included non-sampled co-twins and the 1987 study oversampled handicapped students. Because there were differences in the definitions of handicapped students, however, data from all identified handicapped students have been removed from the tables.

- The weighting techniques used across all three studies are comparable.

- Westat performed all the variance estimation using the jackknife procedure. Because the number of replicates used in the 1990 study was greater than in the earlier studies, the variance estimates in 1990 are somewhat more precise than in the earlier studies.

- The sample sizes differ--these differences are summarized in the table below.

	1990	1987	1982
No. of Schools in the Original Sample	379	497	1,882
No. of Schools Represented in the Tables	330	429	1,601
No. of Students in the Original Sample	23,270	35,180	18,427
No. of Transcripts Represented in the Tables	20,866	27,732	11,770

Table 1. Distribution of 1990 High School Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories

VARIABLE	FREQUENCY	PERCENT	WEIGHTED FREQUENCY	WEIGHTED PERCENT
GENDER				
NOT REPORTED	9	0.04	2,488	0.09
MALE	9,928	47.58	1,292,621	47.58
FEMALE	10,929	52.38	1,421,354	52.32
RACE/ETHNICITY				
NOT REPORTED	682	3.27	92,898	3.42
WHITE	14,791	70.89	1,940,457	71.43
BLACK	2,650	12.70	365,064	13.44
HISPANIC	1,731	8.30	206,292	7.59
ASIAN/PACIFIC	837	4.01	93,268	3.43
OTHER	175	0.84	18,484	0.68
STUDENT PROGRAM				
ACADEMIC	15,553	74.54	1,882,827	69.31
VOCATIONAL	1,227	5.88	208,460	7.67
BOTH	1,895	9.08	265,473	9.77
NEITHER	2,191	10.50	359,702	13.24
COMMUNITY TYPE				
BIG CITY	4,186	20.06	386,751	14.24
URBAN FRINGE	5,514	26.43	711,092	26.18
MEDIUM CITY	2,702	12.95	321,372	11.83
SMALL PLACE	8,464	40.56	1,297,248	47.76
PUBLIC/NONPUBLIC SCHOOL				
PUBLIC	16,193	77.60	2,462,906	90.67
NONPUBLIC	4,673	22.40	253,557	9.33
REGION				
NORTHEAST	4,570	21.90	570,812	21.01
SOUTH CENTRAL	8,148	39.05	895,756	32.98
NORTH CENTRAL	4,289	20.55	720,863	26.54
WEST	3,859	18.49	529,033	19.48

Table 2. Distribution of 1987 High School Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories

VARIABLE	FREQUENCY	PERCENT	WEIGHTED FREQUENCY	WEIGHTED PERCENT
GENDER				
NOT REPORTED	56	0.25	6,207	0.23
MALE	10,946	48.15	1,305,509	48.41
FEMALE	11,730	51.60	1,384,938	51.36
RACE/ETHNICITY				
NOT REPORTED	1,281	5.64	220,594	8.18
WHITE	15,012	66.04	1,897,299	70.36
BLACK	2,869	12.62	314,109	11.65
HISPANIC	2,441	10.74	168,019	6.23
ASIAN/PACIFIC	824	3.62	70,407	2.61
OTHER	305	1.34	26,226	0.97
STUDENT PROGRAM				
ACADEMIC	13,772	60.58	1,618,391	60.01
VOCATIONAL	2,920	12.85	356,966	13.24
BOTH	1,964	8.64	227,520	8.44
NEITHER	4,076	17.93	493,777	18.31
COMMUNITY TYPE				
BIG CITY	4,346	19.12	384,912	14.27
URBAN FRINGE	5,926	26.07	773,167	28.67
MEDIUM CITY	4,045	17.79	409,864	15.20
SMALL PLACE	8,415	37.02	1,128,710	41.86
PUBLIC/NONPUBLIC SCHOOL				
PUBLIC	20,492	90.15	2,438,347	90.42
NONPUBLIC	2,240	9.85	258,307	9.58
REGION				
NORTHEAST	4,263	18.75	599,265	22.22
SOUTH CENTRAL	7,793	34.28	829,327	30.75
NORTH CENTRAL	5,833	25.66	779,666	28.91
WEST	4,843	21.30	488,396	18.11

Table 3. Distribution of 1982 High School Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories

VARIABLE	FREQUENCY	PERCENT	WEIGHTED FREQUENCY	WEIGHTED PERCENT
GENDER				
MALE	5,708	48.50	1,324,317	48.39
FEMALE	6,062	51.50	1,412,447	51.61
RACE/ETHNICITY				
WHITE	7,254	61.63	2,048,199	74.84
BLACK	1,596	13.56	290,528	10.62
HISPANIC	2,336	19.85	301,988	11.03
ASIAN/PACIFIC	324	2.75	39,206	1.43
OTHER	260	2.21	56,843	2.08
STUDENT PROGRAM				
ACADEMIC	5,574	47.36	1,142,588	41.75
VOCATIONAL	1,742	14.80	480,690	17.56
BOTH	548	4.66	147,761	5.40
NEITHER	3,906	33.19	965,725	35.29
COMMUNITY TYPE				
URBAN	2,686	22.82	527,560	19.28
SUBURBAN	6,105	51.87	1,363,197	49.81
RURAL	2,979	25.31	846,008	30.91
PUBLIC/NONPUBLIC SCHOOL				
PUBLIC	8,963	76.15	2,445,232	89.35
NONPUBLIC	2,807	23.85	291,532	10.65
REGION				
NORTHEAST	2,741	23.29	631,046	23.06
SOUTH CENTRAL	3,505	29.78	853,035	31.17
NORTH CENTRAL	3,354	28.50	803,131	29.35
WEST	2,170	18.44	449,552	16.43

Table 4. Distribution of 1990, 1987, and 1982 Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories - Weighted

VARIABLE	1990 GRADUATES WEIGHTED FREQUENCY	 WEIGHTED PERCENT	1987 GRADUATES WEIGHTED FREQUENCY	 WEIGHTED PERCENT	1982 GRADUATES WEIGHTED FREQUENCY	 WEIGHTED PERCENT
GENDER						
MALE	1,292,621	47.58	1,305,509	48.41	1,324,317	48.39
FEMALE	1,421,354	52.32	1,384,938	51.36	1,412,447	51.61
RACE/ETHNICITY						
NOT REPORTED	92,898	3.42	220,594	8.18	.	.
WHITE	1,940,457	71.43	1,897,299	70.36	2,048,199	74.84
BLACK	365,064	13.44	314,109	11.65	290,528	10.62
HISPANIC	206,292	7.59	168,019	6.23	301,988	11.03
ASIAN/PACIFIC	93,268	3.43	70,407	2.61	39,206	1.43
OTHER	18,484	0.68	26,226	0.97	56,843	2.08
STUDENT PROGRAM						
ACADEMIC	1,882,827	69.31	1,618,391	60.01	1,142,588	41.75
VOCATIONAL	208,460	7.67	356,966	13.24	480,690	17.56
BOTH	265,473	9.77	227,520	8.44	147,761	5.40
NEITHER	359,702	13.24	493,777	18.31	965,725	35.29
COMMUNITY TYPE						
BIG CITY	386,751	14.24	384,912	14.27	.	.
URBAN FRINGE	711,092	26.18	773,167	28.67	.	.
MEDIUM CITY	321,372	11.83	409,864	15.20	.	.
SMALL PLACE	1,297,248	47.76	1,128,710	41.86	.	.
URBAN	.	.	.	.	527,560	19.28
SUBURBAN	.	.	.	.	1,363,197	49.81
RURAL	.	.	.	.	846,008	30.91
PUBLIC/NONPUBLIC SCHOOL						
PUBLIC	2,462,906	90.67	2,438,347	90.42	2,445,232	89.35
NONPUBLIC	253,557	9.33	258,307	9.58	291,532	10.65
REGION						
NORTHEAST	570,812	21.01	599,265	22.22	631,046	23.06
SOUTH CENTRAL	895,756	32.98	829,327	30.75	853,035	31.17
NORTH CENTRAL	720,863	26.54	779,666	28.91	803,131	29.35
WEST	529,033	19.48	488,396	18.11	449,552	16.43

Table 5. Distribution of 1990 Graduates by Student Program for School Type (Public/Nonpublic) and Each Demographic Category - Unweighted Frequencies

	STUDENT PROGRAM			
	ACADEMIC	VOCATIONAL	BOTH	NEITHER
GENDER				
MALE	7,340	626	922	1,040
FEMALE	8,205	601	972	1,151
RACE/ETHNICITY				
NOT REPORTED	501	34	46	101
WHITE	11,029	979	1,304	1,479
BLACK	1,917	122	305	306
HISPANIC	1,248	71	193	219
ASIAN/PACIFIC	735	13	31	58
OTHER	123	8	16	28
COMMUNITY TYPE				
BIG CITY	3,358	112	322	394
URBAN FRINGE	4,350	226	333	605
MEDIUM CITY	2,071	171	194	266
SMALL PLACE	5,774	718	1,046	926
PUBLIC/NONPUBLIC SCHOOL				
PUBLIC	11,288	1,181	1,811	1,913
NONPUBLIC	4,265	46	84	278

Table 5. Distribution of 1990 Graduates by Student Program for School Type (Public/Nonpublic) and Each Demographic Category - Unweighted Frequencies (Continued)

	STUDENT PROGRAM			
	ACADEMIC	VOCATIONAL	BOTH	NEITHER
REGION				
NORTHEAST	3,743	202	355	270
SOUTH CENTRAL	6,063	435	1,219	431
NORTH CENTRAL	2,757	460	186	886
WEST	2,990	130	135	604

Table 6. Distribution of 1990 Graduates by Student Program for School Type (Public/Nonpublic) and Each Demographic Category - Weighted

		STUDENT PROGRAM			
		ACADEMIC	VOCATIONAL	BOTH	NEITHER
GENDER					
MALE	FREQUENCY	883,951	108,093	130,246	170,331
	PERCENT	73.93	6.31	9.29	10.48
FEMALE	FREQUENCY	996,640	100,367	134,977	189,371
	PERCENT	75.08	5.50	8.89	10.53
RACE/ETHNICITY					
NOT REPORTED	FREQUENCY	64,307	5,520	7,211	15,860
	PERCENT	73.46	4.99	6.74	14.81
WHITE	FREQUENCY	1,334,150	170,447	183,228	252,632
	PERCENT	74.57	6.62	8.82	10.00
BLACK	FREQUENCY	252,591	18,677	44,986	48,810
	PERCENT	72.34	4.60	11.51	11.55
HISPANIC	FREQUENCY	140,359	11,028	23,764	31,141
	PERCENT	72.10	4.10	11.15	12.65
ASIAN/PACIFIC	FREQUENCY	79,505	1,823	4,227	7,713
	PERCENT	87.81	1.55	3.70	6.93
OTHER	FREQUENCY	11,915	965	2,058	3,546
	PERCENT	70.29	4.57	9.14	16.00
COMMUNITY TYPE					
BIG CITY	FREQUENCY	291,135	15,049	36,994	43,572
	PERCENT	80.22	2.68	7.69	9.41
URBAN FRINGE	FREQUENCY	534,099	38,574	49,096	89,323
	PERCENT	78.89	4.10	6.04	10.97
MEDIUM CITY	FREQUENCY	226,083	25,515	27,296	42,478
	PERCENT	76.65	6.33	7.18	9.84
SMALL PLACE	FREQUENCY	831,510	129,322	152,087	184,329
	PERCENT	68.22	8.48	12.36	10.94

Table 6. Distribution of 1990 Graduates by Student Program for School Type (Public/Nonpublic) and Each Demographic Category - Weighted (Continued)

		STUDENT PROGRAM			
		ACADEMIC	VOCATIONAL	BOTH	NEITHER
PUBLIC/NONPUBLIC SCHOOL					
PUBLIC	FREQUENCY	1,653,399	205,581	260,909	343,017
	PERCENT	69.71	7.29	11.18	11.81
NONPUBLIC	FREQUENCY	229,428	2,880	4,564	16,686
	PERCENT	91.27	0.98	1.80	5.95
REGION					
NORTHEAST	FREQUENCY	434,614	38,190	53,743	44,265
	PERCENT	81.90	4.42	7.77	5.91
SOUTH CENTRAL	FREQUENCY	626,989	58,362	154,144	56,260
	PERCENT	74.41	5.34	14.96	5.29
NORTH CENTRAL	FREQUENCY	425,588	91,376	35,842	168,057
	PERCENT	64.28	10.73	4.34	20.66
WEST	FREQUENCY	395,636	20,532	21,744	91,120
	PERCENT	77.48	3.37	3.50	15.65

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
010100	AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER	.	.	.	.	1,977	0.07
010111	AGRIBUSINESS, INTRODUCTION	20,352	0.75	5,025	0.19	16,309	0.60
010121	AGRICULTURAL BUSINESS OPERATION	9,343	0.34	6,363	0.24	8,139	0.30
010131	FARM AND RANCH MANAGEMENT	9,124	0.34	6,074	0.23	9,561	0.35
010141	STATE AND COMMUNITY AGRICULTURE	.	.	222	0.01	445	0.02
010151	AGRICULTURAL MATHEMATICS	313	0.01	362	0.01	1,690	0.06
010161	AGRICULTURAL MICROPROCESSING	382	0.01	129	0.00	170	0.01
010171	AGRICULTURE COOPERATIVES	12,607	0.46	5,435	0.20	9,786	0.36
010172	AGRICULTURAL COOPERATIVE EDUCATION II	1,835	0.07	1,247	0.05	.	.
010181	AGRICULTURE, INDEPENDENT STUDY	.	.	2,904	0.11	5,001	0.18
010182	SOEP - SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM	.	.	1,445	0.05	.	.
010200	AGRICULTURAL MECHANICS, OTHER	.	.	.	.	358	0.01
010211	AGRICULTURAL MECHANICS, GENERAL	28,342	1.04	28,754	1.07	24,966	0.91
010212	AGRICULTURAL MECHANICS 2	6,109	0.22	10,681	0.40	19,814	0.72
010213	AGRICULTURAL MECHANICS 3	1,065	0.04	1,961	0.07	4,187	0.15
010214	AGRICULTURAL MECHANICS 4	.	.	208	0.01	2,962	0.11
010221	WELDING, AGRICULTURAL	1,989	0.07	892	0.03	2,106	0.08
010231	POWER AND MACHINERY, AGRICULTURAL	5,142	0.19	985	0.04	7,168	0.26
010241	FARM CONSTRUCTION	7,553	0.28	5,233	0.19	2,741	0.10
010251	ELECTRICITY AND ELECTRONICS, AGRICULTURAL	1,920	0.07	663	0.02	483	0.02
010261	SOIL AND WATER MECHANICAL PRACTICES	3,401	0.13	.	.	1,047	0.04
010271	SURVEYING, AGRICULTURAL	.	.	.	.	45	0.00
010300	AGRICULTURAL PRODUCTION, OTHER	.	.	.	.	1,222	0.04
010311	AGRICULTURAL PRODUCTION, GENERAL	10,152	0.37	3,242	0.12	10,150	0.37
010312	AGRICULTURE TECHNOLOGY 1	7,658	0.28	1,151	0.04	9,423	0.34
010313	AGRICULTURE TECHNOLOGY 2	3,604	0.13	761	0.03	5,357	0.20
010321	ANIMAL PRODUCTION	6,712	0.25	1,916	0.07	8,436	0.31
010331	CROP PRODUCTION	5,842	0.22	3,096	0.11	8,434	0.31
010400	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER	.	.	.	.	1,847	0.07
010411	AGRICULTURAL PRODUCTS AND PROCESSING I	.	.	354	0.01	.	.
010412	AGRICULTURAL PRODUCTS AND PROCESSING II	.	.	260	0.01	.	.
010511	AGRICULTURAL SUPPLIES MARKETING	358	0.01	66	0.00	517	0.02
010521	ANIMAL GROOMING	.	.	253	0.01	417	0.02
010600	HORTICULTURE, OTHER	.	.	.	.	956	0.03
010611	HORTICULTURE	22,715	0.84	19,213	0.71	37,096	1.36
010621	FLORICULTURE	1,961	0.07	2,531	0.09	5,423	0.20
010631	LANDSCAPING	4,563	0.17	3,879	0.14	7,005	0.26
010641	GREENHOUSE MANAGEMENT	746	0.03	1,780	0.07	1,089	0.04
010651	NURSERY OPERATIONS AND MANAGEMENT	1,621	0.06	5,152	0.19	1,276	0.05
010661	HORTICULTURE POWER EQUIPMENT OPERATION AND MAINTENANCE	.	.	.	.	1,194	0.04
010681	FRUIT AND VEGETABLE PRODUCTION	4,424	0.16	.	.	702	0.03
019900	AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER	.	.	.	.	398	0.01
020100	AGRICULTURAL SCIENCES, OTHER GENERAL	.	.	.	.	2,488	0.09
020111	AGRICULTURAL SCIENCES, GENERAL	37,974	1.40	17,807	0.66	39,138	1.43
020121	AGRICULTURAL OCCUPATIONS 1	61,100	2.25	109,768	4.07	67,581	2.47

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
020122	AGRICULTURAL OCCUPATIONS 2	28,723	1.06	67,023	2.49	29,745	1.09
020123	AGRICULTURAL OCCUPATIONS 3	13,450	0.50	39,365	1.46	25,786	0.94
020124	AGRICULTURAL OCCUPATIONS 4	10,227	0.38	24,184	0.90	18,493	0.68
020200	ANIMAL SCIENCES, OTHER	.	.	.	.	241	0.01
020211	ANIMAL SCIENCES 1	21,471	0.79	15,479	0.57	16,514	0.60
020212	ANIMAL SCIENCES 2	68	0.00	521	0.02	1,650	0.06
020221	LIVESTOCK 9	2,951	0.11	2,360	0.09	4,546	0.17
020222	LIVESTOCK 10	.	.	3,718	0.14	2,292	0.08
020241	DAIRY PRODUCTION	2,023	0 07	654	0.02	62	0.00
020261	HORSE PRODUCTION	1,152	0.04	167	0.01	1,113	0.04
020271	SMALL ANIMAL PRODUCTION 1	948	0.03	357	0.01	809	0.03
020272	SMALL ANIMAL PRODUCTION 2	.	.	99	0.00	.	.
020300	FOOD SCIENCES, OTHER	.	.	.	.	141	0.01
020400	PLANT SCIENCES, OTHER	.	.	.	.	218	0.01
020411	AGRONOMY	6,874	0.25	11,375	0.42	8,328	0.30
020421	ORNAMENTAL HORTICULTURE 1	8,027	0.30	9,569	0.35	6,040	0.22
020422	ORNAMENTAL HORTICULTURE 2	2,171	0.08	4,760	0.18	1,098	0.04
020423	ORNAMENTAL HORTICULTURE 3	1,931	0.07	661	0.02	677	0.02
020511	SOIL SCIENCES, GENERAL	1,988	0.07	848	0.03	2,958	0.11
020521	FERTILIZERS AND CHEMICALS	.	.	.	.	565	0.02
029900	AGRICULTURAL SCIENCES, OTHER	.	.	.	.	1,378	0.05
030100	RENEWABLE NATURAL RESOURCES, OTHER GENERAL	.	.	69	0.00	1,904	0.07
030200	CONSERVATION AND REGULATION, OTHER	.	.	.	.	3,060	0 11
030211	CONSERVATION AND REGULATION	21,242	0.78	3,226	0.12	17,718	0.65
030212	ENVIRONMENTAL MANAGEMENT 1	4,389	0.16	.	.	.	.
030300	FISHING AND FISHERIES, OTHER	.	.	.	.	712	0.03
030311	WATERMAN OCCUPATIONS	.	.	.	.	302	0.01
030500	FORESTRY AND RELATED SCIENCES, OTHER	.	.	.	.	452	0.02
030511	FORESTRY SCIENCE 1	5,843	0.22	6,043	0.22	10,090	0.37
030512	FORESTRY SCIENCE 2	1,598	0.06	1,442	0.05	1,215	0.04
030521	FORESTRY OCCUPATIONS - WORK EXPERIENCE	1,021	0.04	.	.	.	.
030600	WILDLIFE MANAGEMENT, OTHER	.	.	.	.	321	0.01
030611	WILDLIFE MANAGEMENT	11,706	0.43	5,025	0.19	6,123	0.22
030621	RURAL RECREATION	113	0.00	.	.	176	0.01
030711	MARINE MANAGEMENT/OCEANOGRAPHY 1	965	0 04	119	0.00	.	.
040100	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER GENERAL	100	0.00	.	.	.	.
040200	ARCHITECTURE, OTHER	.	.	.	.	424	0.02
040211	ARCHITECTURE, INTRODUCTION	8,386	0.31	720	0.03	5,101	0.19
040212	ARCHITECTURE, ADVANCED	585	0.02	441	0.02	914	0.03
040221	ARCHITECTURAL THEORY	794	0.03	57	0.00	2,880	0.11
040300	CITY, COMMUNITY, AND REGIONAL PLANNING, OTHER	.	.	.	.	468	0 02
040400	ENVIRONMENTAL DESIGN, OTHER	.	.	.	.	1,026	0.04
040500	INTERIOR DESIGN, OTHER	.	.	.	.	417	0.02
040511	INTERIOR DESIGN	1,757	0.06	2,163	0.08	24,091	0.88
050100	AREA STUDIES, OTHER	7,212	0.27	.	.	3,970	0.15

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES: TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1990 GRADUATES: PERCENTAGE OF GRADUATES NATIONWIDE	1987 GRADUATES: TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1987 GRADUATES: PERCENTAGE OF GRADUATES NATIONWIDE	1982 GRADUATES: TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1982 GRADUATES: PERCENTAGE OF GRADUATES NATIONWIDE
050101	AREA STUDIES	29,341	1.08	18,091	0.67	11,203	0.41
050102	AMERICAN STUDIES, BASIC	1,719	0.06	15,776	0.59	48,912	1.79
050103	AMERICAN STUDIES, GENERAL	88,685	3.26	129,798	4.81	149,179	5.45
050104	AMERICA'S PEOPLE AND PROBLEMS	260	0.01	14,678	0.54	15,727	0.57
050105	AMERICAN STUDIES, HONORS	17,793	0.65	9,665	0.36	11,410	0.42
050108	AMERICAN WEST	.	.	2,843	0.11	19,459	0.71
050109	SOUTHWEST UNITED STATES	.	.	178	0.01	1,887	0.07
050110	ANGLO AMERICA	.	.	.	.	2,742	0.10
050111	NORTH AMERICA AND CURRENT EVENTS	242	0.01	.	.	9,567	0.35
050112	NORTH AND SOUTH AMERICA	.	.	422	0.02	324	0.01
050113	LATIN AMERICA	1,790	0.07	2,704	0.10	7,850	0.29
050114	WORLD STUDIES 1	224,631	8.27	216,075	8.01	236,847	8.65
050115	WORLD STUDIES 2	77,655	2.86	43,333	1.61	30,673	1.12
050116	WORLD STUDIES, HONORS	12,761	0.47	6,881	0.26	4,254	0.16
050117	COMPARATIVE WORLD CULTURES	20,510	0.76	35,699	1.32	2,700	0.10
050118	EUROPEAN CULTURE STUDIES, BASIC	1,404	0.05	12,109	0.45	20,326	0.74
050119	EUROPEAN CULTURE STUDIES, GENERAL	35,836	1.32	94,941	3.52	70,616	2.58
050120	EUROPEAN CULTURE STUDIES, HONORS	381	0.01	5,990	0.22	4,429	0.16
050121	DEVELOPING NATIONS	3,047	0.11	933	0.03	1,891	0.07
050122	AFRICAN AREA STUDIES	57	0.00	6,740	0.25	12,105	0.44
050123	AFRICA AND SOUTH AMERICA	.	.	.	.	309	0.01
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC	1,444	0.05	5,566	0.21	8,319	0.30
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL	54,083	1.99	89,339	3.31	58,460	2.14
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS	5,098	0.19	2,201	0.08	3,701	0.14
050127	ASIAN STUDIES	16,677	0.61	11,557	0.43	18,843	0.69
050128	HISTORY OF CHINA	582	0.02	2,758	0.10	2,142	0.08
050129	ASIA, AFRICA AND MIDEAST	10,413	0.38	925	0.03	8,537	0.31
050130	AFRICA AND MIDDLE EAST	.	.	.	.	5,812	0.21
050131	MIDDLE EASTERN STUDIES	1,362	0.05	867	0.03	5,297	0.19
050132	MIDDLE EAST, WAR FOR SURVIVAL	.	.	.	.	1,698	0.06
050133	U S S R	1,516	0.06	453	0.02	8,008	0.29
050134	SOVIET UNION AND CHINA	690	0.03	8,789	0.33	455	0.02
050135	SOVIET UNION AND AFRO AMERICAN DEVELOPING NATIONS	1,181	0.04	849	0.03	1,011	0.04
050136	HISTORY OF RUSSIA	1,300	0.05	2,527	0.09	2,623	0.10
050137	NEGLECTED WORLD	157	0.01	.	.	861	0.03
050138	GLOBAL EDUCATION	102,901	3.79	103,556	3.84	24,818	0.91
050139	PACIFIC RIM NATIONS	181	0.01	2,721	0.10	.	
050140	CANADIAN AREA STUDIES	.	.	1,195	0.04	.	
050200	ETHNIC STUDIES, OTHER	.	.	114	0.00	3,249	0.12
050211	MINORITIES IN AMERICA	13,817	0.51	9,472	0.35	39,032	1.43
050221	ETHNIC AND FAMILY HERITAGE	.	.	260	0.01	958	0.03
050231	AFRO AMERICAN STUDIES	14,010	0.52	12,750	0.47	18,566	0.68
050241	ECONOMICS OF AFRO AMERICANS	.	.	.	.	111	0.00
050251	INDIANS OF NORTH AMERICA	640	0.02	7,134	0.26	5,957	0.22
050261	JEWISH HISTORICAL SIGNIFICANCE	.	.	220	0.01	.	

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
050271	MEXICAN AMERICAN HERITAGE	186	0.01	1,867	0.07	2,242	0.08
050281	HAWAIIAN	10,958	0.40	103	0.00	2,691	0.10
050291	HAWAIIAN CULTURE STUDIES, MODERN	208	0.01	.	.	1,729	0.06
059900	AREA AND ETHNIC STUDIES, OTHER	289	0.01	.	.	493	0.02
060100	BUSINESS AND MANAGEMENT, OTHER GENERAL	1,069	0.04	101	0.00	4,985	0.18
060111	BUSINESS INTRODUCTION	282,117	10.39	359,784	13.34	401,686	14.68
060121	BUSINESS LAW	202,485	7.45	217,920	8.08	224,611	8.21
060131	BUSINESS, INDEPENDENT STUDY	3,530	0.13	2,342	0.09	11,761	0.43
060141	BUSINESS EDUCATION, COOPERATIVE	5,253	0.19	2,049	0.08	11,582	0.42
060200	ACCOUNTING, OTHER	.	.	62	0.00	25	0.00
060211	ACCOUNTING/BUSINESS MANAGEMENT CAREERS - INTEGRATED CURRICULUM	1,223	0.05	3,017	0.11	.	.
060300	BANKING AND FINANCE, OTHER	.	.	244	0.01	3,193	0.12
060311	FINANCIAL CAREERS	1,799	0.07	240	0.01	2,573	0.09
060331	CONSUMER LENDING	365	0.01	.	.	.	.
060400	BUSINESS ADMINISTRATION AND MANAGEMENT, OTHER	.	.	.	.	1,811	0.07
060411	BUSINESS ORGANIZATION AND MANAGEMENT	58,136	2.14	54,416	2.02	30,576	1.12
060511	BUSINESS ECONOMICS	14,282	0.53	10,988	0.41	7,272	0.27
060600	HUMAN RESOURCES DEVELOPMENT, OTHER	.	.	330	0.01	2,961	0.11
060711	HOTEL AND MOTEL MANAGEMENT	458	0.02	532	0.02	1,097	0.04
060712	HOTEL AND MOTEL TRAINING	2,350	0.09	113	0.00	389	0.01
060811	INSURANCE CAREERS	997	0.04	.	.	308	0.01
060900	INTERNATIONAL BUSINESS MANAGEMENT, OTHER	.	.	.	.	130	0.00
061011	INVESTMENTS AND TAXATION	1,211	0.04	1,493	0.06	109	0.00
061100	LABOR INDUSTRIAL RELATIONS, OTHER	.	.	.	.	2,451	0.09
061200	MANAGEMENT INFORMATION SYSTEMS, OTHER	.	.	834	0.03	529	0.02
061300	MANAGEMENT SCIENCE, OTHER	.	.	.	.	1,014	0.04
061400	MARKETING MANAGEMENT AND RESEARCH, OTHER	.	.	.	.	373	0.0
061411	MARKETING MANAGEMENT AND DECISION MAKING	3,065	0.11	7,305	0.27	14,185	0.5
061500	ORGANIZATIONAL BEHAVIOR, OTHER	.	.	1,312	0.05	267	0.01
061600	PERSONNEL MANAGEMENT, OTHER	.	.	72	0.00	.	
061700	REAL ESTATE, OTHER	.	.	.	.	206	0.01
061711	REAL ESTATE MARKETING	74	0.00	.	.	3,537	0.13
061811	SMALL BUSINESS MANAGEMENT	14,897	0.55	4,831	0.18	385	0.01
061900	TAXATION, OTHER	.	.	180	0.01	2,583	0.09
069900	BUSINESS AND MANAGEMENT, OTHER	.	.	.	.	1,920	0.07
070100	ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, OTHER	.	.	.	.	1,493	0.05
070111	BOOKKEEPING 1	19,489	0.72	57,716	2.14	176,136	6.44
070112	BOOKKEEPING 2	2,288	0.08	3,857	0.14	21,036	0.77
070121	ACCOUNTING 1	493,244	18.16	548,787	20.35	446,212	16.30
070122	ACCOUNTING 2	79,250	2.92	85,369	3.17	73,620	2.69
070131	ACCOUNTING, COLLEGE	1,582	0.06	12,816	0.48	7,051	0.26
070141	BOOKKEEPING AND ACCOUNTING 1	9,252	0.34	14,240	0.53	10,674	0.39
070142	BOOKKEEPING AND ACCOUNTING 2	2,356	0.09	5,116	0.19	3,723	0.14
070151	RECORDKEEPING 1	123,503	4.55	88,068	3.27	121,582	4.44
070152	RECORDKEEPING 2	3,667	0.13	2,438	0.09	7,657	0.28

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1990 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1987 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1987 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1982 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1982 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE
070153	PERSONAL RECORDKEEPING	16,687	0.61	49,423	1.83	.	.
070161	OFFICE MACHINES	28,656	1.05	42,419	1.57	125,099	4.57
070162	OFFICE MACHINES, VOCATIONAL	937	0.03	4,722	0.18	3,951	0.14
070171	BUSINESS MATHEMATICS 1	181,898	6.70	192,114	7.12	242,965	8.88
070172	BUSINESS MATHEMATICS 2	4,489	0.17	4,906	0.18	7,206	0.26
070200	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER	.	.	.	.	808	0.03
070201	BANKING & FINANCIAL CAREERS	1,082	0.04	1,754	0.07	.	.
070211	BANK TELLER	4,341	0.16	1,702	0.06	4,265	0.16
070221	FINANCIAL MATHEMATICS	2,044	0.08	4,728	0.18	2,150	0.08
070231	BANK PROOF OPERATOR	175	0.01	231	0.01	453	0.02
070241	BANK DATA ENTRY OCCUPATIONS	.	.	36	0.00	.	.
070251	BANKING AND FINANCIAL CAREERS - COOPERATIVE EDUCATION	927	0.03	226	0.01	.	.
070300	BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER	561	0.02	148	0.01	163	0.01
070311	COMPUTERS IN BUSINESS	97,907	3.60	103,882	3.85	6,021	0.22
070321	BUSINESS DATA PROCESSING 1	125,181	4.61	99,689	3.70	3,087	0.11
070322	BUSINESS DATA PROCESSING 2	7,039	0.26	8,875	0.33	123	0.00
070331	BUSINESS COMPUTER PROGRAMMING 1	141,158	5.20	45,157	1.67	493	0.02
070332	BUSINESS COMPUTER PROGRAMMING 2	6,646	0.24	8,176	0.30	693	0.03
070341	KEY PUNCH OPERATOR	.	.	320	0.01	4,859	0.18
070351	DATA ENTRY OPERATOR 1	2,327	0.09	3,079	0.11	2,889	0.11
070352	DATA ENTRY OPERATOR 2	496	0.02	84	0.00	.	.
070361	KEYBOARDING	171,317	6.31	96,718	3.59	3,110	0.11
070400	OFFICE SUPERVISION AND MANAGEMENT, OTHER	.	.	.	.	1,359	0.05
070411	BUSINESS ENGLISH 1	90,480	3.33	99,045	3.67	107,656	3.93
070412	BUSINESS ENGLISH 2	3,068	0.11	4,023	0.15	5,546	0.20
070413	BUSINESS ENGLISH 3	2,080	0.08	2,037	0.08	.	.
070414	BUSINESS ENGLISH 4	1,853	0.07	978	0.04	.	.
070600	SECRETARIAL AND RELATED PROGRAMS, OTHER	.	.	.	.	587	0.02
070611	SHORTHAND 1	57,348	2.11	115,166	4.27	261,340	9.55
070612	SHORTHAND 2	9,315	0.34	14,354	0.53	53,101	1.94
070613	SPEED WRITING	39,666	1.46	31,715	1.17	.	.
070621	TRANSCRIPTION	1,730	0.06	7,568	0.28	9,658	0.35
070631	SECRETARIAL ADMINISTRATION 1	16,901	0.62	18,587	0.69	24,969	0.91
070632	SECRETARIAL ADMINISTRATION 2	1,659	0.06	2,676	0.10	1,870	0.07
070641	WORD PROCESSING 1	188,890	6.95	111,586	4.14	8,373	0.31
070642	WORD PROCESSING 2	26,358	0.97	9,135	0.34	752	0.03
070643	WORD PROCESSING 3	4,153	0.15	.	.	.	.
070651	REPROGRAPHICS	69	0.00	1,796	0.07	1,168	0.04
070661	LEGAL OFFICE PROCEDURES	533	0.02	1,781	0.07	1,363	0.05
070662	COURT REPORTER	71	0.00	.	.	.	.
070671	MEDICAL OFFICE PROCEDURES	481	0.02	1,267	0.05	1,546	0.06
070681	LEGAL/MEDICAL OFFICE PROCEDURES	1,053	0.04	791	0.03	.	.
070700	TYPING, GENERAL OFFICE, AND RELATED PROGRAMS,OTHER	.	.	.	.	4,115	0.15
070711	TYPEWRITING 1	1,219,168	44.88	1,469,666	54.50	1,444,027	52.76
070712	TYPEWRITING 2	166,019	6.11	278,754	10.34	386,528	14.12

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
070713	TYPEWRITING 3	9,636	0.35	24,872	0.92	49,059	1.79
070721	TYPEWRITING, PERSONAL	340,723	12.54	328,484	12.18	323,071	11.80
070731	OFFICE PROCEDURES 1	169,163	6.23	187,772	6.96	206,578	7.55
070732	OFFICE PROCEDURES 2	22,089	0.81	33,242	1.23	31,373	1.15
070733	SIMULATED OFFICE	25,767	0.95	37,167	1.38	31,159	1.14
070741	OFFICE EDUCATION 1, COOPERATIVE	53,242	1.96	64,758	2.40	82,042	3.00
070742	OFFICE EDUCATION 2, COOPERATIVE	10,342	0.38	11,478	0.43	11,123	0.41
079900	BUSINESS AND OFFICE, OTHER	.	.	951	0.04	3,238	0.12
080100	APPAREL AND ACCESSORIES MARKETING, OTHER	.	.	116	0.00	.	.
080111	FASHION MERCHANDISING	20,442	0.75	19,160	0.71	14,349	0.52
080121	FASHION DESIGN AND ILLUSTRATION	3,148	0.12	5,638	0.21	5,912	0.22
080131	FASHION MERCHANDISING - COOPERATIVE EDUCATION 1	826	0.03	4,524	0.17	.	.
080132	FASHION MERCHANDISING - COOPERATIVE EDUCATION 2	.	.	32	0.00	.	.
080200	BUSINESS AND PERSONAL SERVICES MARKETING, OTHER	.	.	.	.	633	0.02
080300	ENTREPRENEURSHIP, OTHER	1,128	0.04	.	.	.	.
080311	STARTING YOUR OWN BUSINESS	15,956	0.59	3,186	0.12	1,756	0.06
080321	JUNIOR ACHIEVEMENT	37,007	1.36	13,175	0.49	7,587	0.28
080400	FINANCIAL SERVICES MARKETING, OTHER	.	.	.	.	1,853	0.07
080500	FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER	.	.	.	.	162	0.01
080511	FLORAL SALES	1,208	0.04	1,965	0.07	2,854	0.10
080611	FOOD MARKETING/DISTRIBUTION - OVERVIEW	.	.	338	0.01	.	.
080700	GENERAL MARKETING, OTHER	.	.	.	.	768	0.03
080711	DISTRIBUTIVE EDUCATION 1	141,727	5.22	131,818	4.89	133,884	4.89
080712	DISTRIBUTIVE EDUCATION 2	24,116	0.89	37,946	1.41	29,079	1.06
080713	DISTRIBUTIVE EDUCATION 3	6,429	0.24	3,854	0.14	4,088	0.15
080721	DISTRIBUTIVE EDUCATION 1, COOPERATIVE	48,450	1.78	65,286	2.42	44,974	1.64
080722	DISTRIBUTIVE EDUCATION 2, COOPERATIVE	9,187	0.34	15,084	0.56	15,058	0.55
080731	SALESMANSHIP	6,750	0.25	8,227	0.31	16,003	0.58
080741	RETAIL LEARNING LABORATORY	8,556	0.31	12,434	0.46	5,000	0.18
080751	CASHIER CHECKER TRAINING	705	0.03	1,925	0.07	1,414	0.05
080761	WAREHOUSING INDUSTRIAL AND WHOLESALE MATERIAL HANDLING	.	.	.	.	493	0.02
080771	DISTRIBUTIVE EDUCATION, INDEPENDENT STUDY	543	0.02	329	0.01	580	0.02
080900	HOSPITALITY AND RECREATION MARKETING, OTHER	.	.	.	.	2,650	0.10
080911	ORIENTATION TO HOSPITALITY CAREERS	.	.	757	0.03	.	.
081100	TRANSPORTATION AND TRAVEL MARKETING, OTHER	.	.	.	.	425	0.02
081111	TOURISM SERVICES	1,872	0.07	1,064	0.04	655	0.02
081121	ENTERTAINMENT PARK/TOURISM - COOPERATIVE EDUCATION	129	0.00	.	.	.	.
081211	AUTO PARTS MERCHANDISING	.	.	27	0.00	.	.
081221	AUTOMOTIVE PROFESSIONAL TRAINING	575	0.02	39	0.00	2,430	0.09
090100	COMMUNICATIONS, OTHER GENERAL	760	0.03	50	0.00	5,061	0.18
090111	MASS MEDIA	71,772	2.64	106,739	3.96	120,073	4.39
090121	INTERCULTURAL COMMUNICATIONS	84	0.00	.	.	.	.
090200	ADVERTISING, OTHER	.	.	.	.	165	0.01
090211	ADVERTISING	4,534	0.17	2,108	0.08	5,630	0.21
090300	COMMUNICATIONS RESEARCH, OTHER	.	.	.	.	174	0.01

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
090400	JOURNALISM (MASS COMMUNICATIONS), OTHER	.	.	127	0.00	2,202	0.08
090411	JOURNALISM 1	166,665	6.14	180,936	6.71	199,999	7.31
090412	JOURNALISM 2	38,230	1.41	44,730	1.66	32,321	1.18
090413	JOURNALISM 3	8,922	0.33	8,270	0.31	7,146	0.26
090421	JOURNALISM INVESTIGATIONS	1,760	0.06	1,010	0.04	355	0.01
090431	LITERARY MAGAZINE	1,261	0.05	2,373	0.09	3,610	0.13
090441	YEARBOOK PRODUCTION 1	115,579	4.25	121,846	4.52	73,115	2.67
090442	YEARBOOK PRODUCTION 2	12,453	0.46	20,348	0.75	8,914	0.33
090500	PUBLIC RELATIONS, OTHER	.	.	774	0.03	173	0.01
090600	RADIO/TELEVISION NEWS BROADCAST, OTHER	.	.	44	0.00	257	0.01
090611	BROADCAST JOURNALISM	1,736	0.06	2,096	0.08	3,144	0.11
090612	CAREERS IN RADIO/TELEVISION BROADCASTING	347	0.01	1,140	0.04	.	.
090700	RADIO/TELEVISION, OTHER GENERAL	.	.	.	.	503	0.02
090711	BROADCASTING, INTRODUCTION	4,836	0.18	5,976	0.22	7,854	0.29
090721	TELEVISION AND TASTE	100	0.00	1,429	0.05	4,232	0.15
090811	SIGN LANGUAGE 1	12,723	0.47	3,626	0.13	.	.
090812	SIGN LANGUAGE 2	2,618	0.10	.	.	.	.
099900	COMMUNICATIONS, OTHER	248	0.01	71	0.00	4,814	0.18
100100	COMMUNICATION TECHNOLOGIES, OTHER	354	0.01	.	.	511	0.02
100111	WORLD OF COMMUNICATIONS	13,820	0.51	3,942	0.15	4,516	0.17
100121	COMMUNICATIONS MEDIA PRODUCTION	10,065	0.37	11,570	0.43	19,409	0.71
100131	PHOTOGRAPHY, COMMERCIAL	27,785	1.02	13,181	0.49	7,470	0.27
100132	PHOTOGRAPHY, ADVANCED COMMERCIAL	1,563	0.06	1,551	0.06	374	0.01
100141	BROADCAST MANAGEMENT 1	842	0.03	1,526	0.06	468	0.02
100142	BROADCAST MANAGEMENT 2	.	.	101	0.00	.	.
100143	BROADCASTING PRACTICUM	536	0.02	305	0.01	479	0.02
100151	FILM MAKING AND PRODUCTION 1	2,136	0.08	10,811	0.40	24,667	0.90
100152	FILM MAKING AND PRODUCTION 2	173	0.01	.	.	4,674	0.17
100161	RADIO PRODUCTION	683	0.03	509	0.02	16,048	0.59
100171	TELEVISION PRODUCTION 1	44,970	1.66	17,601	0.65	22,524	0.82
100172	TELEVISION PRODUCTION 2	3,850	0.14	3,896	0.14	4,003	0.15
100173	TELEVISION PRODUCTION 3	128	0.00	.	.	.	.
100174	TELEVISION PRODUCTION 4	64	0.00	.	.	.	.
100181	CABLE TELEVISION	.	.	388	0.01	.	.
100191	RADIO/TELEVISION PRODUCTION 1	883	0.03	5,590	0.21	.	.
100192	RADIO/TELEVISION PRODUCTION 2	198	0.01	1,289	0.05	.	.
110100	COMPUTER AND INFORMATION SCIENCES, OTHER GENERAL	307	0.01	.	.	4,387	0.16
110111	COMPUTER APPRECIATION	471,652	17.36	426,806	15.83	44,696	1.63
110121	COMPUTER MATHEMATICS 1	69,974	2.58	100,563	3.73	77,742	2.84
110122	COMPUTER MATHEMATICS 2	5,219	0.19	12,544	0.47	5,254	0.19
110131	COMPUTER APPLICATIONS	149,289	5.50	27,059	1.00	6,465	0.24
110132	COMPUTER APPLICATIONS, INDEPENDENT STUDY	12,773	0.47	6,850	0.25	2,272	0.08
110141	COMPUTER SCIENCE, ADVANCED PLACEMENT	18,060	0.66	21,890	0.81	9,069	0.33
110200	COMPUTER PROGRAMMING, OTHER	.	.	.	.	1,992	0.07
110211	COMPUTER PROGRAMMING 1	206,128	7.59	328,443	12.18	103,674	3.79

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
CSSC CODE	COURSE TITLE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
110212	COMPUTER PROGRAMMING 2	19,456	0.72	53,599	1.99	10,466	0.38
110213	COMPUTER PROGRAMMING 3	4,065	0.15	1,447	0.05	.	.
110221	FORTRAN, INTRODUCTION	11,300	0.42	5,969	0.22	5,870	0.21
110231	PASCAL, INTRODUCTION	36,604	1.35	45,821	1.70	1,029	0.04
110232	ADVANCED PASCAL	5,616	0.21	2,527	0.09	.	.
110241	BASIC, INTRODUCTION	219,576	8.08	226,227	8.39	23,380	0.85
110242	ADVANCED BASIC	19,580	0.72	22,263	0.83	.	.
110251	COBOL, INTRODUCTION	6,260	0.23	5,458	0.20	2,296	0.08
110252	ADVANCED COBOL	137	0.01	170	0.01	.	.
110261	LOGO, INTRODUCTION	2,795	0.10	641	0.02	.	.
110271	RPG PROGRAMMING, INTRODUCTION	2,910	0.11	2,638	0.10	.	.
110300	DATA PROCESSING, OTHER	.	.	.	.	87	0.00
110311	DATA PROCESSING, INTRODUCTION	24,724	0.91	71,478	2.65	101,229	3.70
110312	DATA PROCESSING, INTERMEDIATE	6,117	0.23	9,499	0.35	9,402	0.34
110313	DATA PROCESSING, ADVANCED	235	0.01	3,154	0.12	3,048	0.11
110321	COMPUTER PROGRAMMING - COOPERATIVE EDUCATION	.	.	157	0.01	.	.
110400	INFORMATION SCIENCES AND SYSTEMS, OTHER	.	.	84	0.00	.	.
110500	SYSTEMS ANALYSIS, OTHER	513	0.02	.	.	.	.
119900	COMPUTER AND INFORMATION SCIENCES, OTHER	155	0.01	.	.	1,874	0.07
120111	DRY CLEANING 1	.	.	.	.	881	0.03
120211	SPORTS OFFICIATING	.	.	751	0.03	1,607	0.06
120300	FUNERAL SERVICES, OTHER	.	.	.	.	2,369	0.09
120411	COSMETOLOGY	31,307	1.15	27,806	1.03	28,323	1.03
120412	COSMETOLOGY 2	8,051	0.30	15,740	0.58	13,244	0.48
120413	COSMETOLOGY 3	1,946	0.07	2,893	0.11	3,525	0.13
120414	COSMETOLOGY - COOPERATIVE EDUCATION 2	.	.	719	0.03	.	.
120415	COSMETOLOGY - COOPERATIVE EDUCATION 2	.	.	250	0.01	.	.
120421	BARBERING 1	.	.	.	.	859	0.03
120431	PERSONAL SERVICES OCCUPATIONS	325	0.01	.	.	689	0.03
120511	GENERAL SERVICES OCCUPATIONS 1	1,283	0.05	1,997	0.07	.	.
120512	GENERAL SERVICES OCCUPATIONS 2	176	0.01	2,244	0.08	.	.
120513	GENERAL SERVICES OCCUPATIONS 3	.	.	2,864	0.11	.	.
120514	GENERAL SERVICES OCCUPATIONS 4	.	.	2,677	0.10	.	.
120521	BUILDING & GROUNDS MAINTENANCE OCCUPATIONS 1	.	.	1,678	0.06	.	.
120522	BUILDING & GROUNDS MAINTENANCE OCCUPATIONS 2	.	.	391	0.01	.	.
120523	BUILDING & GROUNDS MAINTENANCE OCCUPATIONS 3	.	.	391	0.01	.	.
120531	INDUSTRIAL MAINTENANCE/MECHANICS 1	199	0.01	.	.	.	.
129900	CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER	.	.	.	.	2,424	0.09
130100	EDUCATION, OTHER GENERAL	358	0.01	.	.	687	0.03
130200	BILINGUAL/BICULTURAL EDUCATION, OTHER	.	.	.	.	158	0.01
130300	CURRICULUM AND INSTRUCTION, OTHER	.	.	.	.	33	0.00
130400	EDUCATION ADMINISTRATION, OTHER	.	.	.	.	163	0.01
130800	SCHOOL PSYCHOLOGY, OTHER	.	.	.	.	507	0.02
131000	SPECIAL EDUCATION, OTHER	.	.	.	.	1,987	0.07
131100	STUDENT COUNSELING AND PERSONNEL SERVICES, OTHER	.	.	.	.	3,672	0.13

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
131200	TEACHER EDUCATION, GENERAL PROGRAMS, OTHER	2,719	0.10	.	.	2,079	0.08
131300	TEACHER EDUCATION, SPECIFIC SUBJECT AREAS, OTHER	.	.	.	.	2,206	0.08
131400	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE, OTHER	.	.	.	.	17	0.00
139900	EDUCATION, OTHER	65	0.00	156	0.01	2,138	0.08
140100	ENGINEERING, OTHER GENERAL	.	.	99	0.00	521	0.02
140111	ORIENTATION TO ENGINEERING	758	0.03	102	0.00	.	.
140200	AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL ENGINEERING, OTHER	376	0.01	.	.	.	.
140221	AEROSPACE ENGINEERING DESIGN	.	.	516	0.02	.	.
140300	AGRICULTURAL ENGINEERING, OTHER	.	.	.	.	873	0.03
141000	ELECTRICAL, ELECTRONICS, AND COMMUNICATIONS ENGINEERING, OTHER	.	.	.	.	555	0.02
141200	ENGINEERING RELATED, OTHER	.	.	.	.	164	0.01
141211	INSTRUMENTATION PHYSICS 1	.	.	382	0.01	.	.
141212	INSTRUMENTATION PHYSICS 2	.	.	221	0.01	.	.
141300	ENGINEERING SCIENCE, OTHER	.	.	.	.	41	0.00
141700	INDUSTRIAL ENGINEERING, OTHER	.	.	.	.	444	0.02
141800	MATERIALS, ENGINEERING, OTHER	.	.	.	.	1,566	0.06
141911	STRENGTH OF MATERIALS - MECHANICAL TECHNOLOGY	1,054	0.04	215	0.01	.	.
142000	METALLURGICAL ENGINEERING, OTHER	.	.	.	.	343	0.01
142300	NUCLEAR ENGINEERING, OTHER	.	.	.	.	371	0.01
142400	OCEAN ENGINEERING, OTHER	.	.	.	.	118	0.00
142611	CARTOGRAPHY	.	.	555	0.02	.	.
149900	ENGINEERING, OTHER	.	.	.	.	506	0.02
150111	STRUCTURAL ENGINEERING TECHNICIAN	350	0.01	.	.	.	.
150200	CIVIL TECHNOLOGIES, OTHER	.	.	.	.	166	0.01
150211	SURVEYING	.	.	.	.	1,921	0.07
150311	AUDIO ELECTRONICS	.	.	940	0.03	191	0.01
150321	ELECTRICAL TECHNOLOGY	174	0.01	.	.	3,300	0.12
150331	ELECTRONIC TECHNOLOGY 1	2,950	0.11	5,023	0.19	2,901	0.11
150332	ELECTRONIC TECHNOLOGY 2	954	0.04	1,248	0.05	1,171	0.04
150333	ELECTRONICS FABRICATION	92	0.00	166	0.01	.	.
150341	ELECTRICAL/ELECTRONICS ENGINEERING TECHNICIAN	291	0.01	.	.	.	.
150400	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE	.	.	.	.	126	0.00
150411	ELECTROMECHANICAL TECHNOLOGY 1	3,090	0.11	3,240	0.12	638	0.02
150412	ELECTROMECHANICAL TECHNOLOGY 2	.	.	196	0.01	.	.
150421	INSTRUMENTATION TECHNOLOGY	.	.	164	0.01	151	0.01
150431	COMPUTER-ASSISTED DESIGN/DRAFTING (CAD)	21,592	0.79	5,209	0.19	.	.
150511	ENVIRONMENTAL CONTROL TECHNOLOGIES	.	.	.	.	581	0.02
150600	INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER	137	0.01	.	.	480	0.02
150601	INDUSTRIAL RESEARCH & DEVELOPMENT	2,985	0.11	582	0.02	.	.
150611	INDUSTRIAL PRODUCTION TECHNOLOGY 1	11,546	0.43	1,737	0.06	653	0.02
150612	INDUSTRIAL PRODUCTION TECHNOLOGY 2	.	.	139	0.01	.	.
150631	OPTICS TECHNOLOGY	.	.	253	0.01	.	.
150711	QUALITY CONTROL TECHNOLOGY	728	0.03	.	.	.	.
150800	MECHANICAL AND RELATED TECHNOLOGIES, OTHER	347	0.01	.	.	3,442	0.13
150811	AUTOMOTIVE DESIGN & TECHNOLOGY	65	0.00	27	0.00	.	.

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

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CSSC CODE	COURSE TITLE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
150900	MINING AND PETROLEUM TECHNOLOGIES, OTHER	.	.	.	.	1,220	0.04
150911	MINING TECHNOLOGY	.	.	.	.	184	0.01
150921	PETROLEUM TECHNOLOGY	.	.	950	0.04	.	.
159900	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER	.	.	.	.	190	0.01
160100	FOREIGN LANGUAGES, MULTIPLE EMPHASIS, OTHER	349	0.01	27	0.00	1,199	0.04
160111	FOREIGN LANGUAGE, EXPLORATORY	2,740	0.10	3,825	0.14	1,111	0.04
160121	ENGLISH AS A SECOND LANGUAGE 1	45,345	1.67	24,957	0.93	8,857	0.32
160122	ENGLISH AS A SECOND LANGUAGE 2	24,936	0.92	25,748	0.95	3,314	0.12
160123	ENGLISH AS A SECOND LANGUAGE 3	23,456	0.86	18,142	0.67	2,147	0.08
160124	ENGLISH AS A SECOND LANGUAGE, SKILLS LAB	26,775	0.99	8,744	0.32	1,638	0.06
160125	TRANSITIONAL ENGLISH	6,974	0.26	7,928	0.30	.	.
160200	AFRICAN (NON-SEMITIC) LANGUAGES, OTHER	117	0.00	.	.	.	.
160211	SWAHILI 1	.	.	297	0.01	445	0.02
160212	SWAHILI 2	.	.	.	.	73	0.00
160221	AMHARIC 1 (ETHIOPIAN)	154	0.01	337	0.01	.	.
160222	AMHARIC 2 (ETHIOPIAN)	.	.	214	0.01	.	.
160300	ASIATIC LANGUAGES, OTHER	1,938	0.07	502	0.02	596	0.02
160311	CANTONESE 1	.	.	654	0.02	883	0.03
160312	CANTONESE 2	.	.	629	0.02	97	0.00
160313	CANTONESE 3	.	.	241	0.01	.	.
160321	MANDARIN 1	1,677	0.06	958	0.04	354	0.01
160322	MANDARIN 2	203	0.01	531	0.02	.	.
160323	MANDARIN 3	200	0.01	101	0.00	.	.
160331	JAPANESE 1	18,690	0.69	2,305	0.09	3,984	0.15
160332	JAPANESE 2	8,727	0.32	1,587	0.06	2,694	0.10
160333	JAPANESE 3	3,887	0.14	456	0.02	1,203	0.04
160334	JAPANESE 4	1,907	0.07	.	.	468	0.02
160341	HAWAIIAN 1	44	0.00	.	.	1,451	0.05
160345	HAWAIIAN LANGUAGE AND CULTURE	634	0.02	.	.	.	.
160351	KOREAN 1	744	0.03	49	0.00	178	0.01
160352	KOREAN 2	178	0.01	49	0.00	.	.
160353	KOREAN 3	.	.	49	0.00	.	.
160400	BALTO-SLAVIC LANGUAGES, OTHER	393	0.01	.	.	.	.
160421	RUSSIAN 1	7,445	0.27	5,668	0.21	2,356	0.09
160422	RUSSIAN 2	2,530	0.09	2,584	0.10	1,392	0.05
160423	RUSSIAN 3	742	0.03	1,384	0.05	572	0.02
160424	RUSSIAN 4	879	0.03	.	.	144	0.01
160427	FOREIGN LANGUAGE CONTRACT, RUSSIAN INDEPENDENT STUDY	1,138	0.04	79	0.00	.	.
160433	CZECH 3	.	.	.	.	1,708	0.06
160441	POLISH 1	791	0.03	182	0.01	276	0.01
160442	POLISH 2	.	.	79	0.00	138	0.01
160451	FINNISH 1	.	.	99	0.00	.	.
160452	FINNISH 2	.	.	99	0.00	.	.
160453	FINNISH 3	.	.	99	0.00	.	.
160500	GERMANIC LANGUAGES, OTHER	.	.	.	.	277	0.01

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
160501	DUTCH 1	138	0.01	.	.	.	.
160502	DUTCH 2	138	0.01	.	.	.	.
160503	DUTCH 3	138	0.01	.	.	.	.
160511	GERMAN 7	.	.	92	0.00	.	.
160512	GERMAN 8	374	0.01	46	0.00	850	0.03
160513	GERMAN 1	138,787	5.11	132,872	4.93	113,479	4.15
160514	GERMAN 2	111,925	4.12	92,797	3.44	83,928	3.07
160515	GERMAN 3	53,413	1.97	46,580	1.73	43,866	1.60
160516	GERMAN 4	15,240	0.56	16,063	0.60	17,048	0.62
160517	GERMAN, ADVANCED PLACEMENT	4,469	0.16	2,392	0.09	1,932	0.07
160518	GERMAN FIELD-BASED EXPERIENCE	.	.	.	.	139	0.01
160519	FOREIGN LANGUAGE CONTRACT, GERMAN INDEPENDENT STUDY	59	0.00	170	0.01	1,081	0.04
160521	NORWEGIAN 1	311	0.01	.	.	409	0.01
160522	NORWEGIAN 2	.	.	.	.	171	0.01
160531	SWEDISH 1	33	0.00	276	0.01	.	.
160532	SWEDISH 2	33	0.00	276	0.01	.	.
160533	SWEDISH 3	.	.	188	0.01	35	0.00
160600	GREEK, OTHER	189	0.01	.	.	2,328	0.09
160611	MODERN GREEK FOR SURVIVAL	.	.	114	0.00	4	0.00
160621	MODERN GREEK	619	0.02	364	0.01	924	0.03
160622	MODERN GREEK 2	.	.	188	0.01	.	.
160623	MODERN GREEK 3	.	.	364	0.01	.	.
160631	CLASSICAL GREEK 1	2,112	0.08	984	0.04	.	.
160632	CLASSICAL GREEK 2	303	0.01	59	0.00	.	.
160633	CLASSICAL GREEK 3	100	0.00	.	.	.	.
160634	CLASSICAL GREEK 4	.	.	255	0.01	.	.
160700	INDIC LANGUAGES, OTHER	1,641	0.06	30	0.00	.	.
160800	IRANIAN LANGUAGES, OTHER	.	.	30	0.00	.	.
160900	ITALIC LANGUAGES, OTHER	188	0.01	388	0.01	1,032	0.04
160901	FRENCH 7	.	.	184	0.01	181	0.01
160902	FRENCH 8	.	.	707	0.03	256	0.01
160903	FRENCH 1	501,062	18.45	531,412	19.71	401,512	14.67
160904	FRENCH 2	403,043	14.84	401,054	14.87	283,894	10.37
160905	FRENCH 3	199,700	7.35	195,508	7.25	133,340	4.87
160906	FRENCH 4	66,071	2.43	85,971	3.19	58,192	2.13
160907	FRENCH, ADVANCED PLACEMENT	33,342	1.23	21,598	0.80	15,641	0.57
160908	FRENCH FIELD-BASED EXPERIENCE	148	0.01	65	0.00	822	0.03
160909	FOREIGN LANGUAGE CONTRACT, FRENCH INDEPENDENT STUDY	121	0.00	2,818	0.10	1,800	0.07
160910	FRENCH, CONVERSATIONAL	933	0.03	264	0.01	3,263	0.12
160912	ITALIAN 8	.	.	.	.	227	0.01
160913	ITALIAN 1	9,202	0.34	20,793	0.77	15,224	0.56
160914	ITALIAN 2	9,022	0.33	17,554	0.65	13,080	0.48
160915	ITALIAN 3	3,309	0.12	11,760	0.44	9,437	0.34
160916	ITALIAN 4	1,302	0.05	2,575	0.10	3,445	0.13
160917	ITALIAN, ADVANCED PLACEMENT	735	0.03	616	0.02	540	0.02

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1990 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1987 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1987 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1982 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1982 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE
160918	ITALIAN FIELD-BASED EXPERIENCE	.	.	102	0.00	.	.
160920	LATIN 1	102,142	3.76	113,660	4.21	92,858	3.39
160921	LATIN 2	66,982	2.47	77,162	2.86	46,982	1.72
160922	LATIN 3	24,787	0.91	25,028	0.93	14,263	0.52
160923	LATIN 4	5,652	0.21	6,901	0.26	5,080	0.19
160924	LATIN, ADVANCED PLACEMENT	6,837	0.25	5,147	0.19	3,548	0.13
160925	FOREIGN LANGUAGE CONTRACT, LATIN	801	0.03	48	0.00	7	0.00
160926	PORTUGUESE 1	1,375	0.05	11,082	0.41	597	0.02
160927	PORTUGUESE 2	204	0.01	10,129	0.38	947	0.03
160928	PORTUGUESE 3	306	0.01	4,223	0.16	408	0.01
160929	PORTUGUESE 4	204	0.01	1,590	0.06	.	.
160930	PORTUGUESE 5	.	.	181	0.01	3,756	0.14
160931	SPANISH 7	5,876	0.22	5,961	0.22	2,790	0.10
160932	SPANISH 8	6,736	0.25	3,011	0.11	1,806	0.07
160933	SPANISH 1	1,130,001	41.60	999,489	37.06	720,690	26.33
160934	SPANISH 2	882,537	32.49	708,279	26.27	480,853	17.57
160935	SPANISH 3	333,812	12.29	264,779	9.82	181,515	6.63
160936	SPANISH 4	105,507	3.88	79,485	2.95	64,589	2.36
160937	SPANISH, ADVANCED PLACEMENT	49,150	1.81	25,002	0.93	15,785	0.58
160938	SPANISH FIELD-BASED EXPERIENCE	435	0.02	744	0.03	2,302	0.08
160939	FOREIGN LANGUAGE CONTRACT, SPANISH INDEPENDENT STUDY	1,630	0.06	943	0.03	5,108	0.19
160940	SPANISH FOR NATIVE SPEAKERS (CHANGED TO 161311-161315)	.	.	.	.	9,469	0.35
160941	SPANISH FOR TRAVELERS	2,588	0.10	3,174	0.12	3,360	0.12
160942	SPANISH, COMMERCIAL	531	0.02	586	0.02	774	0.03
161000	NATIVE AMERICAN LANGUAGES, OTHER	.	.	404	0.01	709	0.03
161111	HEBREW 1	3,207	0.12	1,769	0.07	2,341	0.09
161112	HEBREW 2	1,213	0.04	1,282	0.05	784	0.03
161113	HEBREW 3	369	0.01	562	0.02	530	0.02
161114	HEBREW 4	753	0.03	191	0.01	255	0.01
161115	ARABIC 1	466	0.02	402	0.01	.	.
161211	TURKISH 1	.	.	168	0.01	.	.
161311	SPANISH FOR NATIVE SPEAKERS 1	12,696	0.47	11,410	0.42	.	.
161312	SPANISH FOR NATIVE SPEAKERS 2	8,007	0.29	7,780	0.29	.	.
161313	SPANISH FOR NATIVE SPEAKERS 3	2,934	0.11	3,986	0.15	.	.
161314	SPANISH FOR NATIVE SPEAKERS 4	579	0.02	1,289	0.05	.	.
161315	SPANISH FOR NATIVE SPEAKERS 5/ADVANCED PLACEMENT	508	0.02	58	0.00	.	.
161321	PORTUGUESE FOR NATIVE SPEAKERS 1	.	.	59	0.00	.	.
161323	PORTUGUESE FOR NATIVE SPEAKERS 3	.	.	59	0.00	.	.
161324	PORTUGUESE FOR NATIVE SPEAKERS 4	.	.	59	0.00	.	.
161351	CHINESE FOR NATIVE SPEAKERS 1	129	0.00	.	.	.	.
161352	CHINESE FOR NATIVE SPEAKERS 2	132	0.00	.	.	.	.
161361	FRENCH FOR NATIVE SPEAKERS 1	413	0.02	.	.	.	.
161362	FRENCH FOR NATIVE SPEAKERS 2	209	0.01	.	.	.	.
161364	FRENCH FOR NATIVE SPEAKERS 4	35	0.00	.	.	.	.
169900	FOREIGN LANGUAGES, OTHER	5,427	0.20	825	0.03	590	0.0[illegible]

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
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(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
170100	DENTAL SERVICES, OTHER	.	.	.	.	170	0.01
170111	DENTAL ASSISTANT 1	1,630	0.06	1,262	0.05	1,152	0.04
170112	DENTAL ASSISTANT 2	.	.	317	0.01	421	0.02
170121	DENTAL ASSISTANT, COOPERATIVE	51	0.00	78	0.00	1,167	0.04
170131	DENTAL TECHNOLOGY 1	75	0.00	728	0.03	36	0.00
170132	DENTAL TECHNOLOGY 2	.	.	379	0.01	.	.
170200	DIAGNOSTIC AND TREATMENT SERVICES, OTHER	.	.	.	.	7	0.00
170211	FIRST AID	26,020	0.96	49,311	1.83	41,825	1.53
170300	MEDICAL LABORATORY TECHNOLOGIES, OTHER	.	.	.	.	257	0.01
170311	LABORATORY PROGRAM 1	131	0.00	2,132	0.08	8,599	0.31
170312	LABORATORY PROGRAM 2	.	.	.	.	905	0.03
170321	CHEMICAL TECHNOLOGY 1	.	.	291	0.01	12,191	0.45
170400	MENTAL HEALTH/HUMAN SERVICES, OTHER	.	.	.	.	2,973	0.11
170411	HOME HEALTH AIDE	264	0.01	468	0.02	1,084	0.04
170421	COMMUNITY HEALTH	519	0.02	189	0.01	1,803	0.07
170431	MENTAL HEALTH WORKER	210	0.01	2,148	0.08	.	.
170500	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER	.	.	.	.	1,555	0.06
170511	HEALTH OCCUPATIONS 1	27,557	1.01	38,716	1.44	32,634	1.19
170521	HEALTH OCCUPATIONS 2	5,115	0.19	11,125	0.41	10,214	0.37
170531	MEDICAL TERMINOLOGY	.	.	659	0.02	1,290	0.05
170541	MEDICAL RECORDS SECRETARY	.	.	586	0.02	198	0.01
170551	MEDICAL ASSISTING	377	0.01	2,503	0.09	2,377	0.09
170561	SPORTS MEDICINE	11,456	0.42	3,614	0.13	1,388	0.05
170571	VETERINARY SCIENCE	2,416	0.09	574	0.02	267	0.01
170581	CHEMISTRY FOR HEALTH SCIENCE	1,046	0.04	4,574	0.17	3,308	0.12
170591	HEALTH OCCUPATIONS, INDEPENDENT STUDY	457	0.02	595	0.02	747	0.03
170592	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 1	.	.	3,185	0.12	.	.
170600	NURSING-RELATED SERVICES, OTHER	.	.	.	.	411	0.02
170611	STUDENT ASSESSMENT OF CHILD HEALTH	787	0.03	1,056	0.04	111	0.00
170621	NURSING, PRACTICAL	2,196	0.08	5,092	0.19	4,578	0.17
170631	NURSE'S AIDE AND ORDERLY	3,923	0.14	7,811	0.29	5,910	0.22
170641	NURSE'S AIDE, COOPERATIVE	177	0.01	3,140	0.12	2,323	0.08
170711	OPTICAL SERVICES ASSISTANT	419	0.02	.	.	.	.
179900	ALLIED HEALTH, OTHER	131	0.00	144	0.01	57	0.00
180400	DENTISTRY, OTHER	.	.	112	0.00	36	0.00
180800	HEMATOLOGY, OTHER	.	.	154	0.01	.	.
180900	MEDICAL LABORATORY, OTHER	135	0.00	.	.	688	0.03
181000	MEDICINE, OTHER	.	.	.	.	270	0.01
181100	NURSING, OTHER	.	.	.	.	562	0.02
181400	PHARMACY, OTHER	.	.	112	0.00	147	0.01
181411	PHARMACY TECHNICIAN	53	0.00	138	0.01	.	.
181800	PRE-MEDICINE, OTHER	.	.	140	0.01	177	0.01
181801	MEDICAL ETHICS	.	.	913	0.03	.	.
189900	HEALTH SCIENCES, OTHER	66	0.00	.	.	.	.
190100	HOME ECONOMICS, OTHER GENERAL	.	.	.	.	2,430	0.09

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(Continued)

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190300	FAMILY AND COMMUNITY SERVICES, OTHER	.	.	723	0.03	.	.
190400	FAMILY/CONSUMER RESOURCE MANAGEMENT, OTHER	.	.	.	.	251	0.01
190500	FOOD SCIENCES AND HUMAN NUTRITION, OTHER	.	.	1,172	0.04	2,421	0.09
190600	HUMAN ENVIRONMENT AND HOUSING, OTHER	.	.	.	.	311	0.01
190900	TEXTILES AND CLOTHING, OTHER	547	0.02	.	.	190	0.01
199900	HOME ECONOMICS, OTHER	.	.	.	.	3,295	0.12
200100	CONSUMER AND HOMEMAKING HOME ECONOMICS, OTHER	250	0.01	1,382	0.05	4,493	0.16
200111	HOME ECONOMICS 7	175	0.01	175	0.01	2,384	0.09
200112	HOME ECONOMICS 8	978	0.04	.	.	1,134	0.04
200113	HOME ECONOMICS 1	323,963	11.93	351,826	13.05	388,089	14.18
200114	HOME ECONOMICS 2	47,399	1.74	76,851	2.85	116,446	4.25
200115	HOME ECONOMICS 3	14,678	0.54	17,929	0.66	36,834	1.35
200116	HOME ECONOMICS 4	4,204	0.15	8,225	0.31	28,493	1.04
200117	ADULT ROLES AND FUNCTIONS	225,175	8.29	198,422	7.36	180,372	6.59
200118	COMPREHENSIVE CONSUMER AND HOMEMAKING HOME ECONOMICS, INDEPENDENT STU	994	0.04	5,633	0.21	1,072	0.04
200121	CHILD DEVELOPMENT 8	3,191	0.12	284	0.01	2,411	0.09
200122	CHILD DEVELOPMENT 1	145,351	5.35	200,537	7.44	172,020	6.29
200123	CHILD DEVELOPMENT 2	5,732	0.21	8,962	0.33	9,387	0.34
200124	CHILD DEVELOPMENT 3	4,378	0.16	2,680	0.10	9,050	0.33
200125	CHILD DEVELOPMENT 4	11,514	0.42	1,609	0.06	10,163	0.37
200126	CURRENT ISSUES IN CHILD DEVELOPMENT	.	.	667	0.02	.	.
200131	CLOTHING 7	.	.	.	.	2,769	0.10
200132	CLOTHING 8	.	.	.	.	448	0.02
200133	CLOTHING 1	126,244	4.65	134,537	4.99	188,218	6.88
200134	CLOTHING 2	17,151	0.63	30,762	1.14	58,970	2.15
200135	CLOTHING 3	6,140	0.23	9,821	0.36	14,257	0.52
200136	CLOTHING 4	3,176	0.12	477	0.02	8,014	0.29
200137	TAILORING	948	0.03	521	0.02	7,992	0.29
200141	CONSUMER EDUCATION	221,324	8.15	214,679	7.96	238,796	8.73
200142	CONSUMER EDUCATION 2	5,569	0.21	4,278	0.16	7,593	0.28
200151	HOME ECONOMICS OCCUPATIONS 1, EXPLORATORY	7,775	0.29	20,820	0.77	20,707	0.76
200152	HOME ECONOMICS OCCUPATIONS 2, EXPLORATORY	553	0.02	4,150	0.15	2,358	0.09
200153	HOME ECONOMICS LABORATORY ASSISTANT	5,067	0.19	5,574	0.21	1,321	0.05
200161	FAMILY HEALTH 1	4,276	0.16	10,118	0.38	8,570	0.31
200162	FAMILY HEALTH 2	.	.	142	0.01	502	0.02
200171	FAMILY RELATIONS	238,228	8.77	224,177	8.31	289,983	10.60
200172	MARRIAGE SOCIETY AND CHANGE	31,115	1.15	33,290	1.23	43,301	1.58
200173	PARENTHOOD	132,706	4.89	62,156	2.30	36,377	1.33
200181	FOODS AND NUTRITION 7	.	.	1,699	0.06	2,125	0.08
200182	FOODS AND NUTRITION 8	.	.	.	.	4,115	0.15
200183	FOODS 1	366,921	13.51	357,734	13.27	362,263	13.24
200184	FOODS 2	89,828	3.31	95,204	3.53	104,689	3.83
200185	FOODS 3	32,475	1.20	32,806	1.22	46,386	1.69
200186	FOODS 4	8,175	0.30	2,797	0.10	14,566	0.53
200187	INTERNATIONAL FOODS	8,083	0.30	23,582	0.87	15,391	0.56

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

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200188	NUTRITION	36,685	1.35	19,263	0.71	7,881	0.29
200191	HOME MANAGEMENT 1	24,128	0.89	17,436	0.65	18,760	0.69
200192	HOME MANAGEMENT 2	571	0.02	221	0.01	165	0.01
200193	HOME ECONOMICS - COOPERATIVE EDUCATION 1	9,427	0.35	10,109	0.37	.	.
200194	HOME ECONOMICS - COOPERATIVE EDUCATION 2	441	0.02	572	0.02	.	.
200200	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER	.	.	.	.	2,775	0.10
200211	CHILD CARE SERVICES	58,856	2.17	40,158	1.49	35,904	1.31
200221	CHILD CARE AIDE	3,063	0.11	4,607	0.17	6,748	0.25
200231	CHILD CARE MANAGEMENT	2,492	0.09	3,959	0.15	5,899	0.22
200241	FOSTER CARE AND FAMILY CARE	.	.	.	.	1,323	0.05
200251	TEACHER AIDE/ELEMENTARY	9,124	0.34	23,294	0.86	52,540	1.92
200252	TEACHER AIDE/SECONDARY	6,890	0.25	8,436	0.31	.	.
200261	CHILD CARE - COOPERATIVE EDUCATION 1	1,382	0.05	3,843	0.14	.	.
200262	CHILD CARE - COOPERATIVE EDUCATION 2	389	0.01	1,677	0.06	.	.
200300	CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES,	197	0.01	395	0.01	1,295	0.05
200311	CLOTHING OCCUPATIONS 1	3,887	0.14	4,360	0.16	6,640	0.24
200312	CLOTHING OCCUPATIONS 2	760	0.03	1,670	0.06	927	0.03
200313	CLOTHING OCCUPATIONS 3	535	0.02	985	0.04	.	.
200314	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION I	138	0.01	.	.	.	.
200315	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 2	.	.	109	0.00	.	.
200331	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION	375	0.01	455	0.02	370	0.01
200341	CUSTOM APPAREL CONSTRUCTION	84	0.00	.	.	518	0.02
200351	CUSTOM TAILORING AND ALTERATION	.	.	565	0.02	.	.
200371	FASHION AND FABRIC COORDINATION	5,850	0.22	4,389	0.16	1,395	0.05
200381	TEXTILES TESTING	676	0.02	.	.	384	0.01
200391	CLOTHING PRODUCTION MANAGEMENT	1,773	0.07	166	0.01	104	0.00
200400	FOOD PRODUCTION, MANAGEMENT AND SERVICES, OTHER	.	.	559	0.02	2,381	0.09
200411	FOOD SERVICE TRAINING	33,557	1.24	38,284	1.42	33,223	1.21
200412	FOOD SERVICE TRAINING 2	7,942	0.29	9,165	0.34	3,989	0.15
200413	FOOD SERVICES/RESTAURANT MANAGEMENT	4,575	0.17	1,402	0.05	.	.
200421	FOOD SERVICE COOPERATIVE TRAINING	1,988	0.07	1,790	0.07	8,439	0.31
200431	BAKING	3,291	0.12	1,116	0.04	6,669	0.24
200441	CHEF	.	.	879	0.03	1,601	0.06
200451	CATERING	1,252	0.05	368	0.01	1,545	0.06
200461	DIETETIC AIDE	.	.	579	0.02	.	.
200471	FOOD TESTING	277	0.01	.	.	.	.
200481	SCHOOL FOOD SERVICE	397	0.01	1,940	0.07	1,301	0.05
200500	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES,	.	.	212	0.01	.	.
200511	HOUSING AND INTERIOR DESIGN 1	63,679	2.34	71,389	2.65	53,054	1.94
200512	HOUSING AND INTERIOR DESIGN 2	4,394	0.16	2,193	0.08	4,318	0.16
200513	INTERIOR DESIGN OCCUPATIONS	.	.	49	0.00	888	0.03
200521	FLORAL DESIGN	1,564	0.06	840	0.03	912	0.03
200531	HOME DECORATING	.	.	2,077	0.08	8,541	0.31
200541	HOME FURNISHINGS AIDE	.	.	317	0.01	176	0.01
200600	INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER	.	.	.	.	498	0.02

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES: TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1990 GRADUATES: PERCENTAGE OF GRADUATES NATIONWIDE	1987 GRADUATES: TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1987 GRADUATES: PERCENTAGE OF GRADUATES NATIONWIDE	1982 GRADUATES: TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1982 GRADUATES: PERCENTAGE OF GRADUATES NATIONWIDE
200611	CUSTODIAL SERVICES	207	0.01	146	0.01	655	0.02
200621	EXECUTIVE HOUSEKEEPING	.	.	.	.	662	0.02
200631	HOMEMAKER'S AIDE	.	.	.	.	2,374	0.09
200641	COMPANION TO THE AGED	278	0.01	1,191	0.04	.	.
200651	CONSUMER AIDE	185	0.01	.	.	.	.
200661	THERAPEUTIC RECREATION AIDE	100	0.00	61	0.00	.	.
200671	INSTITUTIONAL, HOME MANAGEMENT SUPPORT SERVICES - COOPERATIVE EDUCATI	.	.	207	0.01	.	.
209900	VOCATIONAL HOME ECONOMICS, OTHER	1,861	0.07	.	.	722	0.03
210100	INDUSTRIAL ARTS, OTHER	2,706	0.10	235	0.01	6,218	0.23
210101	INDUSTRIAL ARTS 7	1,051	0.04	.	.	48	0.00
210102	INDUSTRIAL ARTS 8	2,168	0.08	.	.	1,244	0.05
210103	INDUSTRIAL ARTS 1	156,470	5.76	235,221	8.72	280,314	10.24
210104	INDUSTRIAL ARTS 2	17,835	0.66	33,709	1.25	41,400	1.51
210105	INDUSTRIAL ARTS 3	3,020	0.11	9,911	0.37	11,811	0.43
210106	INDUSTRIAL ARTS 4	1,258	0.05	5,938	0.22	9,877	0.36
210107	INDUSTRY AND TECHNOLOGY	20,708	0.76	3,018	0.11	5,645	0.21
210108	INDUSTRIAL PRODUCTION	12,801	0.47	10,089	0.37	11,752	0.43
210109	INDUSTRIAL OCCUPATIONS 1	18,669	0.69	24,204	0.90	32,427	1.18
210110	INDUSTRIAL OCCUPATIONS 2	5,863	0.22	4,602	0.17	3,950	0.14
210111	INDUSTRIAL COOPERATIVE WORK EXPERIENCE	22,792	0.84	24,694	0.92	7,590	0.28
210112	INDUSTRIAL COOPERATIVE WORK EXPERIENCE, ADVANCED	5,261	0.19	5,376	0.20	1,067	0.04
210113	ELECTRICITY 1	37,846	1.39	34,924	1.30	71,562	2.61
210114	ELECTRICITY 2	3,588	0.13	5,468	0.20	13,363	0.49
210115	ELECTRONICS 1	51,849	1.91	63,065	2.34	55,684	2.03
210116	ELECTRONICS 2	5,619	0.21	17,692	0.66	13,691	0.50
210117	ELECTRONICS 3	1,699	0.06	1,710	0.06	2,736	0.10
210118	ELECTRONICS 4	272	0.01	378	0.01	1,794	0.07
210119	ELECTRICITY AND ELECTRONICS, INTRODUCTION	31,580	1.16	18,702	0.69	11,847	0.43
210120	ELECTRICITY AND ELECTRONICS, ADVANCED	1,604	0.06	3,141	0.12	1,899	0.07
210121	MACHINE SHOP 1	16,861	0.62	18,548	0.69	36,586	1.34
210122	MACHINE SHOP 2	1,832	0.07	8,940	0.33	11,437	0.42
210123	MACHINE SHOP 3	432	0.02	1,165	0.04	2,857	0.10
210124	MACHINE SHOP 4	77	0.00	759	0.03	1,411	0.05
210125	INDUSTRIAL EDUCATION MANAGEMENT TRAINEE	2,389	0.09	9,599	0.36	15	0.00
210126	INDUSTRIAL ARTS RESEARCH	5,112	0.19	5,968	0.22	1,335	0.05
220100	LAW, OTHER	485	0.02	118	0.00	16,695	0.61
220111	LAW FUNDAMENTALS	25,081	0.92	29,815	1.11	31,160	1.14
220121	LAW AND YOU	140,126	5.16	152,767	5.67	135,206	4.94
220131	STREET LAW	32,076	1.18	33,027	1.22	5,354	0.20
230100	ENGLISH, OTHER GENERAL	9,491	0.35	7,974	0.30	111,866	4.09
230101	ENGLISH 7	424	0.02	2,872	0.11	3,046	0.11
230102	ENGLISH 7, HONORS	.	.	6,549	0.24	1,794	0.07
230103	ENGLISH 8, BELOW GRADE LEVEL	.	.	85	0.00	3,661	0.13
230104	ENGLISH 8	270	0.01	1,592	0.06	6,951	0.25
230105	ENGLISH 8, HONORS	.	.	112	0.00	4,080	0.15

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
230106	ENGLISH 1, BELOW GRADE LEVEL	104,750	3.86	125,467	4.65	140,071	5.12
230107	ENGLISH 1	2,126,043	78.27	2,144,688	79.53	2,073,655	75.77
230108	ENGLISH 1, HONORS	286,690	10.55	242,098	8.98	106,293	3.88
230109	ENGLISH 2, BELOW GRADE LEVEL	80 481	2.96	117,857	4.37	123,971	4.53
230110	ENGLISH 2	1,962,814	72.26	1,978,609	73.37	1,831,203	66.91
230111	ENGLISH 2, HONORS	317,840	11.70	324,927	12.05	149,273	5.45
230112	ENGLISH 3, BELOW GRADE LEVEL	82,074	3.02	135,036	5.01	90,871	3.32
230113	ENGLISH 3	1,569,479	57.78	1,594,840	59.14	1,365,469	49.89
230114	ENGLISH 3, HONORS	263,262	9.69	286,067	10.61	132,707	4.85
230115	ENGLISH 4, BELOW GRADE LEVEL	65,992	2.43	122,707	4.55	87,378	3.19
230116	ENGLISH 4	1,289,576	47.47	1,275,850	47.31	1,040,222	38.01
230117	ENGLISH 4, HONORS	316,769	11.66	342,638	12.71	195,207	7.13
230118	WORLD LITERATURE	161,935	5.96	118,709	4.40	139,592	5.10
230119	RENAISSANCE LITERATURE	865	0.03	1,752	0.06	5,709	0.21
230120	ROMANTICISM	2,680	0.10	4,454	0.17	6,567	0.24
230121	REALISM	.	.	96	0.00	13,899	0.51
230122	LITERATURE, CONTEMPORARY	88,941	3.27	127,751	4.74	115,191	4.21
230123	IRISH LITERATURE	.	.	671	0.02	1,101	0.04
230124	RUSSIAN LITERATURE	461	0.02	1,037	0.04	3,837	0.14
230125	BIBLE AS LITERATURE	7,192	0.26	16,901	0.63	35,356	1.29
230126	MYTHOLOGY AND FABLE	34,818	1.28	61,459	2.28	55,823	2.04
230127	DRAMA, INTRODUCTION	33,229	1.22	20,943	0.78	90,399	3.30
230128	WORLD DRAMA	13,484	0.50	9,633	0.36	6,668	0.24
230129	PLAYS, MODERN SURVEY	3,687	0.14	2,115	0.08	9,758	0.36
230130	NOVELS	12,488	0.46	28,247	1.05	63,737	2.33
230131	SHORT STORY	28,085	1.03	45,145	1.67	147,957	5.41
230132	MYSTERIES	11,375	0.42	20,899	0.78	44,710	1.63
230133	POETRY	27,827	1.02	17,362	0.64	31,476	1.15
230134	ROCK POETRY	83	0.00	273	0.01	1,583	0.06
230135	HUMOR	355	0.01	1,115	0.04	19,734	0.72
230136	BIOGRAPHY	931	0.03	290	0.01	6,360	0.23
230137	NON FICTION	7,775	0.29	8,009	0.30	22,919	0.84
230138	SCIENCE FICTION	41,012	1.51	38,346	1.42	140,654	5.14
230139	THEMES IN LITERATURE	40,595	1.49	24,558	0.91	72,956	2.67
230140	LITERATURE OF HUMAN VALUES	12,652	0.47	8,431	0.31	27,524	1.01
230141	ETHNIC LITERATURE	287	0.01	4,223	0.16	15,982	0.58
230142	WOMEN IN LITERATURE	1,569	0.06	3,719	0.14	13,583	0.50
230143	SPORTS THROUGH LITERATURE	5,142	0.19	1,620	0.06	30,273	1.11
230144	OCCULT LITERATURE	528	0.02	8,549	0.32	11,270	0.41
230145	PROTEST LITERATURE	.	.	6,438	0.24	5,715	0.21
230146	YOUTH AND LITERATURE	8,817	0.32	12,884	0.48	17,165	0.63
230147	HEROES	4,982	0.18	4,287	0.16	21,465	0.78
230148	UTOPIAS	.	.	.	.	5,617	0.21
230149	DEATH	2,742	0.10	1,468	0.05	5,606	0.20
230150	NOBEL PRIZE AUTHORS	.	.	597	0.02	2,778	0.10

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
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(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES: TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1990 GRADUATES: PERCENTAGE OF GRADUATES NATIONWIDE	1987 GRADUATES: TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1987 GRADUATES: PERCENTAGE OF GRADUATES NATIONWIDE	1982 GRADUATES: TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1982 GRADUATES: PERCENTAGE OF GRADUATES NATIONWIDE
230151	SEMINAR ON AN AUTHOR	2,801	0.10	6,242	0.23	13,687	0.50
230152	ENGLISH, REAL LIFE PROBLEM SOLVING	5,536	0.20	16,504	0.61	8,831	0.32
230153	READING, INDEPENDENT STUDY	32,898	1.21	.	.	169,017	6.18
230154	RESEARCH TECHNIQUE	121,884	4.49	112,860	4.19	101,488	3.71
230155	CHILDREN'S LITERATURE & FANTASY	5,681	0.21	3,700	0.14	.	.
230156	VOCATIONAL ENGLISH	26,031	0.96	14,839	0.55	.	.
230200	CLASSICS, OTHER	.	.	.	.	5,420	0.20
230211	MYTHOLOGICAL LITERATURE, GREEK AND ROMAN CLASSICAL MYTHOLOGY	7,828	0.29	32,436	1.20	34,252	1.25
230300	COMPARATIVE LITERATURE, OTHER	326	0.01	1,042	0.04	3,052	0.11
230311	COMPARATIVE LITERATURE	24,803	0.91	13,604	0.50	26,404	0.96
230321	LATIN AMERICAN AUTHORS/LITERATURE	1,588	0.06	682	0.03	.	.
230400	COMPOSITION, OTHER	189	0.01	165	0.01	46,663	1.71
230401	COMPOSITION, EXPOSITORY	298,683	11.00	292,516	10.85	494,773	18.08
230402	WRITING LABORATORY	134,256	4.94	172,600	6.40	254,197	9.29
230403	WRITING ABOUT LITERATURE	18,865	0.69	28,646	1.06	25,172	0.92
230404	VOCABULARY	18,346	0.68	19,709	0.73	65,436	2.39
230405	SPELLING	6,813	0.25	3,184	0.12	8,538	0.31
230406	GRAMMAR 7	.	.	.	.	4,025	0.15
230407	GRAMMAR 8	.	.	.	.	3,169	0.12
230408	GRAMMAR 9	27,014	0.99	13,303	0.49	136,382	4.98
230409	GRAMMAR 10	14,989	0.55	36,541	1.36	104,638	3.82
230410	GRAMMAR 11	5,221	0.19	40,975	1.52	60,721	2.22
230411	GRAMMAR 12	38,343	1.41	59,163	2.19	49,391	1.80
230412	ETYMOLOGY	15,383	0.57	8,324	0.31	11,223	0.41
230413	HANDWRITING	1,846	0.07	.	.	100	0.00
230414	INTERPERSONAL COMMUNICATION	10,961	0.40	24,893	0.92	17,700	0.65
230415	WORD STUDY - REMEDIAL	107	0.00	1,267	0.05	.	.
230500	CREATIVE WRITING, OTHER	.	.	.	.	3,156	0.12
230511	CREATIVE WRITING 10	116,498	4.29	99,780	3.70	155,884	5.70
230512	CREATIVE WRITING 11	32,288	1.19	24,998	0.93	19,903	0.73
230513	CREATIVE WRITING 12	22,564	0.83	11,972	0.44	8,533	0.31
230521	CREATIVE WRITING, INDEPENDENT STUDY	3,944	0.15	731	0.03	3,556	0.13
230600	LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY), OTHER	.	.	.	.	196	0.01
230611	LINGUISTICS	3,964	0.15	7,704	0.29	18,275	0.67
230700	LITERATURE, AMERICAN, OTHER	.	.	605	0.02	31,865	1.16
230711	AMERICAN LITERATURE	422,081	15.54	344,854	12.79	502,904	18.38
230721	BLACK LITERATURE	2,129	0.08	3,264	0.12	8,848	0.32
230731	AMERICAN DREAM IN LITERATURE	8,380	0.31	16,849	0.62	26,572	0.97
230741	FOLKLORE, AMERICAN	.	.	2,381	0.09	8,988	0.33
230751	INDIAN LITERATURE	.	.	794	0.03	3,315	0.12
230761	STATE WRITERS	.	.	2,692	0.10	4,160	0.15
230771	WESTERN LITERATURE	1,516	0.06	1,878	0.07	18,481	0.68
230781	MEXICAN AMERICAN LITERATURE	.	.	368	0.01	309	0.01
230800	LITERATURE, ENGLISH, OTHER	8,399	0.31	669	0.02	69,770	2.55
230811	BRITISH LITERATURE SURVEY	207,686	7.65	172,619	6.40	203,618	7.46

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Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

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230821	SHAKESPEARE	43,066	1.59	39,159	1.45	48,550	1.77
230831	MODERN BRITISH WRITERS	15,060	0.55	10,339	0.38	7,022	0.26
230841	VICTORIAN LITERATURE	.	.	974	0.04	2,822	0.10
230851	SATIRE, MODERN BRITISH	2,602	0.10	1,391	0.05	12,245	0.45
230861	ARTHURIAN LEGEND	.	.	1,262	0.05	414	0.02
230871	MEDIEVAL LITERATURE	.	.	2,487	0.09	.	.
230900	RHETORIC, OTHER	840	0.03	.	.	6,714	0.25
231000	SPEECH, DEBATE, AND FORENSICS, OTHER	980	0.04	.	.	4,812	0.18
231011	PUBLIC SPEAKING	319,867	11.78	293,363	10.88	200,337	7.32
231021	SPEECH 1	246,512	9.07	226,061	8.38	345,851	12.64
231022	SPEECH 2	47,976	1.77	53,344	1.98	52,280	1.91
231023	SPEECH 3	2,913	0.11	7,567	0.28	9,137	0.33
231031	DEBATE PRACTICUM CONTRACT	1,357	0.05	4,620	0.17	4,279	0.16
231100	TECHNICAL AND BUSINESS WRITING, OTHER	.	.	.	.	2,644	0.10
231111	TECHNICAL ENGLISH	2,414	0.09	1,951	0.07	7,632	0.28
231211	READING DEVELOPMENT 1	173,909	6.40	156,406	5.80	.	.
231212	READING DEVELOPMENT 2	40,081	1.48	71,717	2.66	.	.
231213	READING DEVELOPMENT 3	18,333	0.67	13,417	0.50	.	.
231214	READING DEVELOPMENT 4	9,017	0.33	9,030	0.33	.	.
231215	SPEED READING	12,913	0.48	24,070	0.89	.	.
231216	ADVANCED READING & STUDY SKILLS	63,015	2.32	102,609	3.80	.	.
231311	FUNCTIONAL ENGLISH 1	128,815	4.74	97,037	3.60	.	.
231312	FUNCTIONAL ENGLISH 2	62,015	2.28	65,079	2.41	.	.
231313	FUNCTIONAL ENGLISH 3	52,017	1.91	61,282	2.27	.	.
231314	FUNCTIONAL ENGLISH 4	44,300	1.63	53,599	1.99	.	.
239900	LETTERS, OTHER	297	0.01	.	.	1,649	0.06
240100	LIBERAL/GENERAL STUDIES, OTHER	.	.	.	.	344	0.01
240111	LIBERAL STUDIES	5,169	0.19	2,748	0.10	1,268	0.05
240121	SUMMER ABROAD	547	0.02	60	0.00	2,289	0.08
240131	INDEPENDENT STUDY	50,955	1.88	31,817	1.18	40,789	1.49
240141	GIFTED AND TALENTED PROGRAM	6,778	0.25	13,979	0.52	.	.
250100	LIBRARY AND ARCHIVAL SCIENCES, OTHER GENERAL	.	.	403	0.01	65	0.00
250111	LIBRARY SCIENCE	38,447	1.42	24,683	0.92	40,271	1.47
250300	LIBRARY ASSISTING, OTHER	730	0.03	.	.	1,113	0.04
250311	LIBRARY ASSISTANT	36,291	1.34	47,899	1.78	44,129	1.61
250400	LIBRARY SCIENCE, OTHER	.	.	.	.	149	0.01
250500	MUSEOLOGY, OTHER	.	.	140	0.01	27	0.00
259900	LIBRARY AND ARCHIVAL SCIENCES, OTHER	.	.	.	.	126	0.00
260100	BIOLOGY, OTHER GENERAL	180	0.01	1,227	0.05	23,494	0.86
260111	SCIENCE 7	145	0.01	27	0.00	9,099	0.33
260121	BIOLOGY, BASIC 1	356,340	13.12	322,655	11.96	629,308	22.99
260122	BIOLOGY, BASIC 2	1,233	0.05	1,239	0.05	.	.
260131	BIOLOGY, GENERAL 1	1,991,237	73.30	1,985,606	73.63	1,356,354	49.56
260132	BIOLOGY, GENERAL 2	159,954	5.89	138,607	5.14	.	.
260141	BIOLOGY, HONORS 1	172,704	6.36	210,833	7.82	94,245	3.44

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
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(Continued)

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CSSC CODE	COURSE TITLE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
260142	BIOLOGY, ADVANCED	146,152	5.38	84,591	3.14	209,244	7.65
260151	FIELD BIOLOGY	10,239	0.38	9,055	0.34	15,912	0.58
260161	GENETICS	6,095	0.22	16,435	0.61	16,073	0.59
260171	BIOPSYCHOLOGY	.	.	1,204	0.04	3,325	0.12
260181	BIOLOGY SEMINAR	1,957	0.07	4,671	0.17	2,968	0.11
260211	BIOCHEMISTRY	264	0.01	3,381	0.13	5,838	0.21
260300	BOTANY, OTHER	.	.	.	.	3,022	0.11
260311	BOTANY	8,460	0.31	12,758	0.47	24,310	0.89
260411	CELL BIOLOGY	4,431	0.16	1,280	0.05	4,304	0.16
260500	MICROBIOLOGY, OTHER	.	.	.	.	402	0.01
260511	MICROBIOLOGY	9,957	0.37	14,201	0.53	18,589	0.68
260600	MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES, OTHER	.	.	.	.	649	0.02
260611	ECOLOGY	46,934	1.73	27,060	1.00	55,682	2.03
260621	MARINE BIOLOGY	55,222	2.03	36,421	1.35	32,276	1.18
260622	MARINE BIOLOGY, ADVANCED	343	0.01	653	0.02	3,451	0.13
260631	ANATOMY	12,969	0.48	3,488	0.13	15,673	0.57
260700	ZOOLOGY, OTHER	.	.	.	.	869	0.03
260711	ZOOLOGY	22,560	0.83	20,009	0.74	28,607	1.05
260721	ZOOLOGY, VERTEBRATE	4,476	0.16	1,761	0.07	4,593	0.17
260731	ZOOLOGY, INVERTEBRATE	1,683	0.06	86	0.00	1,470	0.05
260741	ANIMAL BEHAVIOR	57	0.00	3,793	0.14	4,323	0.16
260751	PHYSIOLOGY, HUMAN	204,360	7.52	201,479	7.47	144,708	5.29
260752	PHYSIOLOGY, ADVANCED	2,139	0.08	5,955	0.22	2,957	0.11
260761	PATHOLOGY	3,347	0.12	270	0.01	2,065	0.08
269900	LIFE SCIENCES, OTHER	.	.	.	.	630	0.02
270100	MATHEMATICS, OTHER GENERAL	1,069	0.04	10,424	0.39	49,570	1.81
270101	MATHEMATICS 7	.	.	.	.	2,546	0.09
270102	MATHEMATICS 7, ACCELERATED	.	.	376	0.01	119	0.00
270103	MATHEMATICS 8	91	0.00	1,385	0.05	2,898	0.11
270104	MATHEMATICS 8, ACCELERATED	.	.	2,908	0.11	2,685	0.10
270105	MATHEMATICS, BASIC (CHANGED TO 270601-270604)	846	0.03	.	.	211,929	7.74
270106	MATHEMATICS 1, GENERAL	492,970	18.15	478,157	17.73	714,877	26.12
270107	MATHEMATICS 2, GENERAL	137,871	5.08	216,955	8.05	297,122	10.86
270108	SCIENCE MATHEMATICS	189	0.01	1,548	0.06	5,643	0.21
270109	MATHEMATICS IN THE ARTS	7,857	0.29	2,704	0.10	8,496	0.31
270110	MATHEMATICS, VOCATIONAL	55,869	2.06	41,894	1.55	48,925	1.79
270111	TECHNICAL MATHEMATICS	20,842	0.77	10,757	0.40	18,496	0.68
270112	MATHEMATICS REVIEW	38,947	1.43	62,275	2.31	29,829	1.09
270113	MATHEMATICS TUTORING	89	0.00	2,525	0.09	5,413	0.20
270114	CONSUMER MATHEMATICS	311,306	11.46	320,310	11.88	216,324	7.90
270200	ACTUARIAL SCIENCES, OTHER	.	.	.	.	267	0.01
270300	APPLIED MATHEMATICS, OTHER	.	.	.	.	2,860	0.10
270400	PURE MATHEMATICS, OTHER	274	0.01	162	0.01	12,341	0.45
270401	PRE-ALGEBRA	534,944	19.69	362,848	13.46	360,210	13.16
270402	ALGEBRA 1, PART 1	162,720	5.99	181,942	6.75	163,798	5.99

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1990 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1987 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1987 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1982 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1982 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE
270403	ALGEBRA 1, PART 2	108,081	3.98	137,261	5.09	116,095	4.24
270404	ALGEBRA 1	1,755,651	64.63	1,752,076	64.97	1,543,123	56.38
270405	ALGEBRA 2	1,296,414	47.72	1,243,948	46.13	848,907	31.02
270406	GEOMETRY, PLANE	158,130	5.82	135,884	5.04	152,996	5.59
270407	GEOMETRY, SOLID	262	0.01	2,461	0.09	19,799	0.72
270408	GEOMETRY	1,449,695	53.37	1,375,928	51.02	1,084,259	39.62
270409	GEOMETRY, INFORMAL	155,246	5.72	126,426	4.69	88,738	3.24
270410	ALGEBRA 3	114,388	4.21	99,914	3.71	193,450	7.07
270411	TRIGONOMETRY	271,987	10.01	312,060	11.57	202,653	7.40
270412	ANALYTIC GEOMETRY	98,698	3.63	110,492	4.10	72,189	2.64
270413	TRIGONOMETRY AND SOLID GEOMETRY	2,484	0.09	11,080	0.41	12,094	0.44
270414	ALGEBRA AND TRIGONOMETRY	240,135	8.84	199,293	7.39	128,731	4.70
270415	ALGEBRA AND ANALYTIC GEOMETRY	6,890	0.25	9,292	0.34	13,684	0.50
270416	ANALYSIS, INTRODUCTORY	376,316	13.85	347,881	12.90	163,562	5.98
270417	LINEAR ALGEBRA	512	0.02	19,803	0.73	24,771	0.91
270418	CALCULUS AND ANALYTIC GEOMETRY	11,637	0.43	17,994	0.67	11,265	0.41
270419	CALCULUS	72,290	2.66	96,598	3.58	101,005	3.69
270420	CALCULUS, ADVANCED PLACEMENT	122,443	4.51	97,962	3.63	49,322	1.80
270421	MATHEMATICS 1, UNIFIED	136,892	5.04	123,959	4.60	36,214	1.32
270422	MATHEMATICS 2, UNIFIED	96,358	3.55	97,692	3.62	20,635	0.75
270423	MATHEMATICS 3, UNIFIED	83,926	3.09	73,227	2.72	25,031	0.91
270424	MATHEMATICS, INDEPENDENT STUDY	13,622	0.50	13,061	0.48	20,998	0.77
270500	STATISTICS, OTHER	.	.	.	.	987	0.04
270511	STATISTICS	7,125	0.26	10,693	0.40	8,011	0.29
270521	PROBABILITY	174	0.01	238	0.01	1,590	0.06
270531	PROBABILITY AND STATISTICS	20,208	0.74	22,645	0.84	20,580	0.75
270601	BASIC MATH 1	234,052	8.62	203,072	7.53	.	.
270602	BASIC MATH 2	55,779	2.05	85,774	3.18	.	.
270603	BASIC MATH 3	11,612	0.43	17,770	0.66	.	.
270604	BASIC MATH 4	10,271	0.38	9,787	0.36	.	.
279900	MATHEMATICS, OTHER	3,014	0.11	623	0.02	12,801	0.47
280100	AEROSPACE SCIENCE (AIR FORCE), OTHER	.	.	.	.	1,542	0.06
280111	AEROSPACE EDUCATION	7,283	0.27	15,722	0.58	13,419	0.49
280112	AEROSPACE EDUCATION 2	4,887	0.18	10,443	0.39	5,966	0.22
280113	AEROSPACE EDUCATION 3	4,035	0.15	7,134	0.26	2,989	0.11
280114	AEROSPACE EDUCATION 4	1,157	0.04	3,731	0.14	.	.
280121	CIVIL AIR PATROL	.	.	.	.	1,358	0.05
280300	MILITARY SCIENCE (ARMY), OTHER	83	0.00	89	0.00	1,109	0.04
280311	ARMY LEADERSHIP DEVELOPMENT, INTRODUCTION	45,143	1.66	32,432	1.20	33,842	1.24
280312	ARMY INTERMEDIATE LEADERSHIP DEVELOPMENT	16,289	0.60	19,671	0.73	18,268	0.67
280313	ARMY APPLIED LEADERSHIP DEVELOPMENT	10,405	0.38	12,836	0.48	11,125	0.41
280314	ARMY ADVANCED LEADERSHIP DEVELOPMENT	5,123	0.19	9,301	0.34	6,136	0.22
280411	NAVAL SCIENCE 1	7,043	0.26	8,070	0.30	5,526	0.20
280412	NAVAL SCIENCE 2	4,760	0.18	4,552	0.17	498	0.02
280413	NAVAL SCIENCE 3	3,422	0.13	3,010	0.11	509	0.02

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
280414	NAVAL SCIENCE 4	1,923	0.07	2,044	0.08	.	.
280421	MARINE CORPS LEADERSHIP EDUCATION 1	1,613	0.06	3,313	0.12	362	0.01
280422	MARINE CORPS LEADERSHIP EDUCATION 2	984	0.04	2,647	0.10	88	0.00
280423	MARINE CORPS LEADERSHIP EDUCATION 3	658	0.02	1,933	0.07	208	0.01
280424	MARINE CORPS LEADERSHIP EDUCATION 4	326	0.01	1,079	0.04	.	.
289900	MILITARY SCIENCES, OTHER	391	0.01	168	0.01	912	0.03
300100	BIOLOGICAL AND PHYSICAL SCIENCES, OTHER	797	0.03	1,649	0.06	16,014	0.59
300111	SCIENCE, UNIFIED	424,095	15.61	577,591	21.42	717,585	26.22
300112	COLLEGE PRE-SCIENCE SKILLS	7,298	0.27	2,466	0.09	.	.
300121	SCIENCE STUDY, INDEPENDENT	8,968	0.33	11,718	0.43	20,818	0.76
300131	OUTDOOR EDUCATION	3,089	0.11	4,758	0.18	4,343	0.16
300200	CLINICAL PASTORAL CARE, OTHER	.	.	.	.	136	0.00
300311	ENGINEERING CONCEPTS	.	.	1,449	0.05	1,624	0.06
300400	HUMANITIES AND SOCIAL SCIENCES, OTHER	.	.	1,142	0.04	2,752	0.10
300411	HUMANITIES	75,622	2.78	83,042	3.08	80,120	2.93
300421	HUMANITIES, EUROPEAN	6,847	0.25	22,068	0.82	10,531	0.38
300431	HUMANITIES, AMERICAN	5,270	0.19	20,858	0.77	6,785	0.25
300441	HUMANITIES, AFRICAN	.	.	.	.	552	0.02
300451	HUMANITIES, NEAR EAST AND FAR EAST	.	.	.	.	4,193	0.15
300500	PEACE STUDIES, OTHER	.	.	.	.	941	0.03
300611	FUTURISTICS	3,713	0.14	21,827	0.81	7,097	0.26
300621	ENVIRONMENTAL SCIENCE	113,314	4.17	68,270	2.53	61,088	2.23
300631	ENERGY AND ENVIRONMENT	6,349	0.23	1,495	0.06	4,829	0.18
300700	WOMEN'S STUDIES, OTHER	.	.	.	.	379	0.01
300711	WOMEN'S STUDIES	1,670	0.06	946	0.04	7,551	0.28
300721	WOMEN'S STUDIES IN LITERATURE	.	.	356	0.01	345	0.01
309900	MULTI/INTERDISCIPLINARY STUDIES, OTHER	835	0.03	.	.	1,369	0.05
310100	PARKS AND RECREATION, OTHER GENERAL	197	0.01	.	.	.	.
310111	RECREATION AIDE	.	.	108	0.00	587	0.02
310121	SEARCH AND RESCUE	.	.	356	0.01	.	.
310200	OUTDOOR RECREATION, OTHER	.	.	1,233	0.05	2,532	0.09
310211	WINTER/SKI RESORT OPERATION	.	.	63	0.00	.	.
310300	PARKS AND RECREATION MANAGEMENT, OTHER	.	.	.	.	38	0.00
320100	BASIC SKILLS, CAREER AND EMPLOYMENT, OTHER	131	0.00	4,866	0.18	36,371	1.33
320101	RECORD KEEPING, PERSONAL (CHANGED TO 070153)	.	.	.	.	8,119	0.30
320102	CAREER PREPARATION	166,514	6.13	132,554	4.92	111,808	4.09
320103	CAREER EXPLORATION	159,933	5.89	132,548	4.92	159,964	5.85
320104	WORK EXPERIENCE	94,254	3.47	70,391	2.61	146,805	5.36
320105	WORK EXPERIENCE, ADVANCED	7,849	0.29	20,867	0.77	32,498	1.19
320106	COOPERATIVE EDUCATION 1	147,608	5.43	119,283	4.42	102,549	3.75
320107	COOPERATIVE EDUCATION 2	7,082	0.26	14,042	0.52	13,396	0.49
320108	MATHEMATICS, VOCATIONAL (CHANGED TO 270110)	.	.	.	.	15,154	0.55
320109	READING DEVELOPMENT 1 (CHANGED TO 231211)	.	.	.	.	278,113	10.16
320110	READING DEVELOPMENT 2 (CHANGED TO 231212)	.	.	.	.	50,818	1.86
320111	SPEED READING (CHANGED TO 231215)	.	.	.	.	37,451	1.37

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

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		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
320112	SPEECH, DEVELOPMENTAL (DELETED)	.	.	.	.	11,519	0.42
320113	LANGUAGE DEVELOPMENT (CHANGED TO 160125 OR 231311)	.	.	.	.	13,308	0.49
320114	VOICE, DEVELOPMENTAL (DELETED)	52	0.00	.	.	1,305	0.05
320115	WORD STUDY, REMEDIAL (CHANGED TO 230415)	.	.	.	.	7,277	0.27
320116	SPEED WRITING (CHANGED TO 070613)	.	.	.	.	34,427	1.26
320117	STUDY DYNAMICS (CHANGED TO 320211)	.	.	.	.	30,170	1.10
320118	ENGLISH, FUNCTIONAL (CHANGED TO 231311)	.	.	.	.	43,874	1.60
320119	CONTEMPORARY ISSUES, BASIC SKILLS (CHANGED TO 451033)	.	.	.	.	21,737	0.79
320120	TEST TAKING, GENERAL (CHANGED TO 320221)	.	.	.	.	.	.
320121	OFF-CAMPUS VO TECH TRAINING - UNSPECIFIED	14,021	0.52	7,775	0.29	.	.
320131	C.V.A.E.	.	.	1,687	0.06	.	.
320200	BASIC SKILLS, GENERAL, OTHER	515	0.02	7,289	0.27	.	.
320201	RESOURCE ROOM (NON SPECIAL EDUCATION)	5,119	0.19	.	.	.	.
320211	STUDY DYNAMICS	103,115	3.80	58,963	2.19	.	.
320221	TEST TAKING	63,553	2.34	18,507	0.68	.	.
330100	CITIZENSHIP/CIVIC ACTIVITIES, OTHER	39	0.00	.	.	3,700	0.14
330111	STUDENT ASSISTANT	437,756	16.11	462,755	17.16	376,482	13.76
330121	PEP SQUAD	14,550	0.54	22,913	0.85	17,972	0.66
330131	STUDENT GOVERNMENT	24,800	0.91	25,055	0.93	25,210	0.92
330141	TUTORING	15,038	0.55	16,536	0.61	33,359	1.22
330151	COMMUNITY SERVICE	23,168	0.85	41,735	1.55	17,121	0.63
330161	U.S. HISTORY, REMEDIAL (CHANGED TO 450809)	.	.	.	.	5,582	0.20
340100	HEALTH-RELATED ACTIVITIES, OTHER	3,173	0.12	442	0.02	32,844	1.20
340111	PHYSICAL AND HEALTH EDUCATION 7	.	.	11,068	0.41	2,249	0.08
340112	PHYSICAL AND HEALTH EDUCATION 8	138	0.01	998	0.04	6,876	0.25
340113	PHYSICAL AND HEALTH EDUCATION 9	1,956,269	72.02	1,870,042	69.35	2,064,398	75.43
340114	PHYSICAL EDUCATION 10	802,059	29.53	1,528,493	56.68	1,622,057	59.27
340115	PHYSICAL EDUCATION 11	346,594	12.76	702,838	26.06	998,119	36.47
340116	PHYSICAL EDUCATION 12	204,317	7.52	527,172	19.55	785,902	28.72
340121	PHYSICAL EDUCATION, ADAPTIVE	14,044	0.52	9,927	0.37	12,041	0.44
340122	PHYSICAL EDUCATION - MEDICALLY EXCUSED	1,648	0.06	5,980	0.22	.	.
340131	HEALTH 7	.	.	.	.	6,164	0.23
340132	HEALTH 8	.	.	126	0.00	4,508	0.16
340133	HEALTH 9	1,414,070	52.06	663,462	24.60	1,033,131	37.75
340134	HEALTH 10	331,194	12.19	829,373	30.76	420,413	15.36
340135	HEALTH 11	55,293	2.04	120,308	4.46	139,401	5.09
340136	HEALTH 12	66,383	2.44	75,116	2.79	76,805	2.81
340137	STATE REQUIREMENTS	82,045	3.02	130,485	4.84	.	.
340138	MODERN MEDICAL ISSUES	612	0.02	6,117	0.23	.	.
340141	DRUGS ALCOHOL AND TOBACCO	11,003	0.41	5,728	0.21	13,244	0.48
340151	DRIVER EDUCATION, CLASSROOM	302,995	11.15	302,239	11.21	1,191,106	43.52
340152	DRIVER EDUCATION, PRACTICE	763,992	28.12	735,030	27.26	171,473	6.27
340161	PHYSICAL EDUCATION LEADERSHIP TRAINING	27,300	1.00	39,752	1.47	29,668	1.08
340171	LIFE SAVING	10,678	0.39	11,985	0.44	13,789	0.50
340181	SAFETY	5,607	0.21	7,130	0.26	38,604	1.41

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
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(Continued)

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340191	SEX EDUCATION	4,451	0.16	8,454	0.31	25,771	0.94
350100	INTERPERSONAL SKILLS, OTHER	.	.	196	0.01	3,521	0.13
350111	INTERPERSONAL RELATIONSHIPS	41,049	1.51	6,337	0.24	22,092	0.81
350121	BUILDING HUMAN RELATIONSHIPS	38,549	1.42	28,763	1.07	13,264	0.48
350131	PEER COUNSELING	34,025	1.25	5,183	0.19	.	.
360100	LEISURE AND RECREATIONAL ACTIVITIES, OTHER	462	0.02	412	0.02	20,555	0.75
360111	SPORTS, INDIVIDUAL	168,839	6.22	157,412	5.84	150,760	5.51
360121	SPORTS, TEAM	344,174	12.67	376,863	13.98	249,494	9.12
360131	GYMNASTICS	22,945	0.84	19,339	0.72	48,731	1.78
360141	DRILL TEAM	15,799	0.58	31,517	1.17	17,083	0.62
360151	TRACK AND FIELD	10,322	0.38	21,778	0.81	28,272	1.03
360161	AQUATICS	21,962	0.81	61,197	2.27	36,716	1.34
360171	CONDITIONING AND ATHLETICS	327,369	12.05	288,810	10.71	148,112	5.41
360181	MOTORCYCLE OPERATION	.	.	.	.	394	0.01
360191	RECREATIONAL ACTIVITIES	16,947	0.62	17,705	0.66	18,838	0.69
360192	EXPERIENTIAL OUTDOOR EDUCATION	7,142	0.26	14,457	0.54	.	.
370100	PERSONAL AWARENESS, OTHER	181	0.01	.	.	7,397	0.27
370111	PERSONAL DEVELOPMENT TECHNIQUES	43,271	1.59	35,709	1.32	50,456	1.84
370121	COPING WITH PERSONAL PROBLEMS	6,645	0.24	6,993	0.26	14,708	0.54
370131	SELF PERCEPTION	4,498	0.17	8,735	0.32	11,971	0.44
380100	PHILOSOPHY, OTHER	95	0.00	78	0.00	1,791	0.07
380111	PHILOSOPHY	19,592	0.72	7,661	0.28	18,325	0.67
380121	ETHICS	14,472	0.53	11,382	0.42	16,008	0.58
380131	LOGIC	4,357	0.16	11,903	0.44	10,911	0.40
380141	EPISTEMICS	1,128	0.04	.	.	274	0.01
380151	SOCIAL JUSTICE ISSUES	11,993	0.44	21,493	0.80	10,630	0.39
380200	RELIGION, OTHER	4,163	0.15	1,246	0.05	96,167	3.51
380201	CATHOLICISM, FOUNDATIONS	81,181	2.99	86,123	3.19	39,465	1.44
380202	WHO IS JESUS	30,874	1.14	70,711	2.62	59,509	2.17
380203	SCRIPTURE	148,967	5.48	198,227	7.35	120,521	4.40
380204	MORAL ISSUES, SOCIAL AND INDIVIDUAL	128,749	4.74	139,791	5.18	82,423	3.01
380205	MARRIAGE, LIFE CHOICES IN CHRISTIAN LIVING	84,476	3.11	118,044	4.38	85,270	3.12
380206	COMPARATIVE RELIGION	25,610	0.94	21,594	0.80	30,965	1.13
380207	SACRAMENTS	47,316	1.74	26,487	0.98	25,879	0.95
380208	EASTERN RELIGIOUS THOUGHT	.	.	.	.	979	0.04
380209	RELIGION AND PSYCHOLOGY	4,696	0.17	.	.	11,427	0.42
380210	WESTERN RELIGIONS	1,396	0.05	.	.	2,692	0.10
380211	RELIGION AND LITERATURE	1,026	0.04	1,086	0.04	9,539	0.35
380212	RELIGION, INTRODUCTION	60,743	2.24	84,706	3.14	42,583	1.56
380213	PRAYER AND LITURGY	9,654	0.36	3,614	0.13	13,895	0.51
380214	JUDAISM, FOUNDATIONS	2,595	0.10	3,182	0.12	.	.
380215	PROTESTANTISM, FOUNDATIONS	13,404	0.49	1,618	0.06	.	.
380216	RELIGIOUS MOVEMENTS IN AMERICA	.	.	1,394	0.05	.	.
380217	ISLAM AND THE KORAN	424	0.02	128	0.00	.	.
389900	PHILOSOPHY AND RELIGION, OTHER	.	.	.	.	143	0.01

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
390100	BIBLICAL LANGUAGES, OTHER	.	.	.	.	31	0.00
390200	BIBLE STUDIES, OTHER	145	0.01	.	.	3,764	0.14
390300	MISSIONARY STUDIES, OTHER	440	0.02	.	.	.	.
390400	RELIGIOUS EDUCATION, OTHER	5,644	0.21	5,111	0.19	10,516	0.38
390500	RELIGIOUS MUSIC, OTHER	.	.	3,035	0.11	.	.
390600	THEOLOGICAL STUDIES, OTHER	.	.	.	.	819	0.03
390611	THEOLOGICAL STUDIES	1,836	0.07	1,610	0.06	7,870	0.29
399900	THEOLOGY, OTHER	4,914	0.18	5,263	0.20	11,034	0.40
400100	PHYSICAL SCIENCES, OTHER GENERAL	148	0.01	2,417	0.09	3,959	0.14
400111	SCIENCE 8	.	.	2,531	0.09	10,359	0.38
400121	PHYSICAL SCIENCE	986,114	36.30	921,816	34.18	780,343	28.51
400131	CHEMISTRY AND PHYSICS LABORATORY TECHNIQUES	24,929	0.92	38,057	1.41	19,111	0.70
400141	PHYSICAL SCIENCE, APPLIED	117,311	4.32	79,741	2.96	25,970	0.95
400200	ASTRONOMY, OTHER	.	.	.	.	1,502	0.05
400211	ASTRONOMY	37,638	1.39	27,623	1.02	38,767	1.42
400400	ATMOSPHERIC SCIENCES AND METEOROLOGY, OTHER	.	.	.	.	142	0.01
400411	METEOROLOGY	2,285	0.08	8,802	0.33	17,075	0.62
400500	CHEMISTRY, OTHER	.	.	.	.	10,994	0.40
400511	CHEMISTRY, INTRODUCTORY	183,307	6.75	242,025	8.98	182,497	6.67
400521	CHEMISTRY 1	1,193,482	43.94	989,192	36.68	668,836	24.44
400522	CHEMISTRY 2	110,272	4.06	101,412	3.76	97,905	3.58
400531	ORGANIC CHEMISTRY	2,628	0.10	7,122	0.26	7,024	0.26
400541	PHYSICAL CHEMISTRY	412	0.02	.	.	1,861	0.07
400551	CONSUMER CHEMISTRY	16,214	0.60	12,107	0.45	7,372	0.27
400561	CHEMISTRY, INDEPENDENT STUDY	475	0.02	1,657	0.06	3,085	0.11
400600	GEOLOGICAL SCIENCES, OTHER	.	.	.	.	4,801	0.18
400611	EARTH SCIENCE	564,310	20.77	316,036	11.72	319,110	11.66
400621	EARTH SCIENCE, COLLEGE PREPARATORY	86,916	3.20	51,906	1.92	11,476	0.42
400631	GEOLOGY	37,077	1.36	28,952	1.07	47,666	1.74
400632	GEOLOGY - FIELD STUDIES	.	.	355	0.01	.	.
400641	MINERALOGY	900	0.03	974	0.04	3,356	0.12
400711	OCEANOGRAPHY	16,908	0.62	18,929	0.70	28,722	1.05
400800	PHYSICS, OTHER	474	0.02	.	.	4,307	0.16
400811	PHYSICS, GENERAL	76,149	2.80	81,451	3.02	90,518	3.31
400821	PHYSICS 1	508,138	18.71	448,579	16.63	307,968	11.25
400822	PHYSICS 2	61,985	2.28	49,948	1.85	38,552	1.41
400831	PHYSICS 2 WITHOUT CALCULUS	.	.	1,167	0.04	1,551	0.06
400841	ELECTRICITY AND ELECTRONICS SCIENCE	450	0.02	940	0.03	7,228	0.26
400900	PLANETARY SCIENCE, OTHER	.	.	.	.	588	0.02
400911	ROCKETRY AND SPACE SCIENCE	5,040	0.19	1,590	0.06	9,635	0.35
401011	AEROSPACE SCIENCE	1,159	0.04	1,248	0.05	.	.
409900	PHYSICAL SCIENCES, OTHER	.	.	.	.	3,429	0.13
410100	BIOLOGICAL TECHNOLOGIES, OTHER	.	.	.	.	36	0.00
410200	NUCLEAR TECHNOLOGIES, OTHER	137	0.01	315	0.01	694	0.03
410211	RADIOACTIVITY	137	0.01	1,702	0.06	.	.

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1990 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1987 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1987 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1982 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1982 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE
410300	PHYSICAL SCIENCE TECHNOLOGIES, OTHER	.	.	.	.	287	0.01
419900	SCIENCE TECHNOLOGIES, OTHER	787	0.03	.	.	694	0.03
420100	PSYCHOLOGY, OTHER GENERAL	.	.	444	0.02	8,654	0.32
420111	PSYCHOLOGY	648,328	23.87	676,212	25.08	549,358	20.07
420112	PSYCHOLOGY, ADVANCED	19,817	0.73	40,000	1.48	30,957	1.13
420113	ABNORMAL PSYCHOLOGY	3,013	0.11	227	0.01	.	.
420311	PSYCHOLOGY OF LEARNING	.	.	821	0.03	3,869	0.14
420600	COUNSELING PSYCHOLOGY, OTHER	.	.	.	.	576	0.02
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER	.	.	1,380	0.05	56	0.00
420711	CHILD PSYCHOLOGY	.	.	3,472	0.13	3,113	0.11
420721	ADOLESCENT PSYCHOLOGY	1,442	0.05	97	0.00	5,616	0.21
420731	ADJUSTMENT PSYCHOLOGY	255	0.01	.	.	2,993	0.11
420800	EXPERIMENTAL PSYCHOLOGY, OTHER	.	.	830	0.03	1,372	0.05
420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER	.	.	.	.	480	0.02
421000	PERSONALITY PSYCHOLOGY, OTHER	.	.	.	.	374	0.01
421011	HISTORICAL PERSONALITIES AND IDEAS	.	.	693	0.03	445	0.02
421021	HUMANISTIC PSYCHOLOGY	1,206	0.04	1,139	0.04	6,042	0.22
421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER	.	.	.	.	1,943	0.07
421200	PSYCHOLINGUISTICS, OTHER	.	.	.	.	499	0.02
421411	PSYCHOPHARMACOLOGY	.	.	595	0.02	255	0.01
421500	QUANTITATIVE PSYCHOLOGY, OTHER	.	.	112	0.00	.	.
421600	SOCIAL PSYCHOLOGY, OTHER	147	0.01	.	.	.	.
421611	SOCIAL PSYCHOLOGY	5,461	0.20	14,025	0.52	25,126	0.92
429900	PSYCHOLOGY, OTHER	.	.	63	0.00	3,190	0.12
430100	CRIMINAL JUSTICE, OTHER	.	.	.	.	3,761	0.14
430111	LAW ENFORCEMENT	10,722	0.39	15,433	0.57	16,781	0.61
430121	LAW SCIENCE	.	.	469	0.02	5,965	0.22
430211	FIRE FIGHTING PRACTICES	.	.	535	0.02	.	.
430311	SECURITY GUARD	.	.	721	0.03	.	.
439900	PROTECTIVE SERVICES, OTHER	.	.	.	.	28	0.00
440100	PUBLIC AFFAIRS, OTHER GENERAL	.	.	.	.	2,002	0.07
440200	COMMUNITY SERVICES, OTHER	.	.	.	.	2,311	0.08
440711	HUMAN SERVICES	.	.	.	.	1,753	0.06
449900	PUBLIC AFFAIRS, OTHER	.	.	.	.	73	0.00
450100	SOCIAL SCIENCES, OTHER GENERAL	564	0.02	12,562	0.47	14,998	0.55
450111	SOCIAL SCIENCE, INTRODUCTION	215,072	7.92	241,805	8.97	427,083	15.61
450121	SOCIAL SCIENCE, ADVANCED THEORY AND RESEARCH	6,681	0.25	13,136	0.49	30,926	1.13
450131	SOCIAL SCIENCE SEMINAR	1,324	0.05	19,387	0.72	1,236	0.05
450141	SOCIAL STUDIES, INDEPENDENT STUDY	5,394	0.20	8,191	0.30	7,628	0.28
450200	ANTHROPOLOGY, OTHER	.	.	.	.	7,336	0.27
450211	ANTHROPOLOGY	14,320	0.53	27,445	1.02	59,705	2.18
450221	COMPARATIVE CULTURAL PATTERNS	135	0.00	1,864	0.07	4,432	0.16
450241	CULTURAL ANTHROPOLOGY, RESEARCH	432	0.02	.	.	3,552	0.13
450300	ARCHAEOLOGY, OTHER	.	.	.	.	965	0.04
450311	ARCHAEOLOGY	3,974	0.15	4,722	0.18	4,829	0.18

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
CSSC CODE	COURSE TITLE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
450400	CRIMINOLOGY, OTHER	3,628	0.13	3,946	0.15	2,007	0.07
450500	DEMOGRAPHY, OTHER	.	.	.	.	2,473	0.09
450511	POPULATION EDUCATION	.	.	.	.	8,106	0.30
450600	ECONOMICS, OTHER	180	0.01	129	0.00	18,140	0.66
450601	ECONOMICS, THEORY	800,444	29.47	372,738	13.82	483,911	17.68
450602	ECONOMICS AND ECONOMIC PROBLEMS	378,359	13.93	395,927	14.68	133,411	4.87
450603	CONSUMER ECONOMICS	145,095	5.34	170,078	6.31	158,700	5.80
450604	FILING YOUR INCOME TAXES	892	0.03	.	.	1,952	0.07
450605	INSURANCE THEORY	.	.	.	.	2,217	0.08
450606	INVESTMENT ECONOMICS	.	.	364	0.01	1,095	0.04
450607	TELEVISION AND ECONOMICS	.	.	114	0.00	907	0.03
450608	ENERGY EDUCATION	205	0.01	6,886	0.26	4,170	0.15
450609	AMERICAN LABOR HISTORY	.	.	.	.	2,651	0.10
450610	ECONOMICS, ANALYSIS AND CRITICISM	.	.	2,269	0.08	6,224	0.23
450611	ECONOMICS, COLLEGE	6,712	0.25	12,304	0.46	11,711	0.43
450612	INTERNATIONAL ECONOMICS	4,420	0.16	1,435	0.05	.	.
450700	GEOGRAPHY, OTHER	.	.	454	0.02	9,605	0.35
450701	GEOGRAPHY 8	.	.	1,712	0.06	2,180	0.08
450702	GEOGRAPHY, UNITED STATES	4,803	0.18	6,724	0.25	15,226	0.56
450703	GEOGRAPHY, NORTH AMERICAN	2,290	0.08	1,066	0.04	1,237	0.05
450704	WORLD GEOGRAPHY	563,315	20.74	396,755	14.71	405,378	14.81
450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA	13,425	0.49	.	.	10,183	0.37
450706	GEOGRAPHY, EASTERN HEMISPHERE	10,126	0.37	.	.	4,109	0.15
450707	PHYSICAL GEOGRAPHY	7,780	0.29	7,024	0.26	17,438	0.64
450708	ECONOMIC AND POLITICAL GEOGRAPHY	2,336	0.09	6,469	0.24	3,118	0.11
450709	HUMAN AND CULTURAL GEOGRAPHY	1,776	0.07	4,742	0.18	21,589	0.79
450710	FIELD GEOGRAPHY, HONORS	.	.	.	.	194	0.01
450800	HISTORY, OTHER	5,950	0.22	10,624	0.39	111,691	4.08
450801	HISTORY AND GEOGRAPHY 7	89	0.00	.	.	3,437	0.13
450802	OUR CULTURAL HERITAGE 7	.	.	.	.	2,887	0.11
450803	SOCIAL STUDIES 7, HONORS	.	.	.	.	3,120	0.11
450804	UNITED STATES HISTORY 8	.	.	43	0.00	1,370	0.05
450805	SOCIAL STUDIES 8	.	.	306	0.01	5,594	0.20
450806	SOCIAL STUDIES 8, HONORS	.	.	.	.	3,403	0.12
450807	UNITED STATES HISTORY, STATE AND LOCAL	355,598	13.09	465,010	17.24	264,669	9.67
450808	UNITED STATES HISTORY, ADVANCED PLACEMENT	7,956	0.29	2,691	0.10	9,095	0.33
450809	AMERICAN HISTORY, BASIC	87,479	3.22	109,714	4.07	35,352	1.29
450810	AMERICAN HISTORY	1,536,864	56.58	1,529,328	56.71	1,201,675	43.91
450811	UNITED STATES HISTORY 1	451,435	16.62	341,868	12.68	829,269	30.30
450812	UNITED STATES HISTORY 2	300,359	11.06	483,635	17.93	228,235	8.34
450813	UNITED STATES HISTORY, HONORS	86,449	3.18	94,186	3.49	37,667	1.38
450814	AMERICAN HISTORY, ADVANCED PLACEMENT	158,058	5.82	88,425	3.28	57,323	2.09
450815	WESTWARD MOVEMENT	3,227	0.12	1,682	0.06	29,241	1.07
450816	TWENTIETH CENTURY AMERICA	160,187	5.90	102,627	3.81	91,707	3.35
450817	TWENTIES AND THIRTIES	2,708	0.10	8,554	0.32	18,790	0.69

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

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CSSC CODE	COURSE TITLE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
450818	AMERICA SINCE 1945	66,573	2.45	49,126	1.82	28,200	1.03
450819	NINETEEN SIXTIES	6,474	0.24	.	.	3,518	0.13
450820	NINETEEN SEVENTIES	1,209	0.04	79	0.00	4,619	0.17
450821	REFORM IN AMERICAN HISTORY	.	.	5,477	0.20	17,825	0.65
450822	AMERICAN INQUIRIES	.	.	7,580	0.28	3,852	0.14
450823	HISTORIC EVENTS, UNITED STATES	136	0.01	204	0.01	5,786	0.21
450824	AMERICAN WARS, CAUSES AND EFFECTS	7,175	0.26	14,276	0.53	22,568	0.82
450825	CIVIL WAR	2,361	0.09	1,942	0.07	24,563	0.90
450826	CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM	13,892	0.51	14,195	0.53	14,664	0.54
450827	WAR AND MODERN CONSCIOUSNESS	146	0.01	510	0.02	1,364	0.05
450828	WORLD WAR II	1,174	0.04	2,510	0.09	5,021	0.18
450829	UNITED STATES MILITARY HISTORY 1	91	0.00	7,151	0.27	6,164	0.23
450830	UNITED STATES MILITARY HISTORY 2	8,682	0.32	3,637	0.13	1,602	0.06
450831	UNITED STATES HISTORY, FIELD STUDY	1,125	0.04	1,099	0.04	.	.
450832	NORTH AMERICAN HISTORY	334	0.01	.	.	1,582	0.06
450833	MEXICAN HISTORY	987	0.04	943	0.03	4,119	0.15
450834	SOUTH AMERICAN HISTORY	1,089	0.04	.	.	176	0.01
450835	WORLD HISTORY	1,183,911	43.58	996,047	36.94	752,946	27.51
450836	WORLD HISTORY, COLLEGE	21,304	0.78	30,839	1.14	13,143	0.48
450837	WORLD HISTORY, MODERN	118,181	4.35	129,693	4.81	55,429	2.03
450838	WORLD CIVILIZATION, TWENTIETH CENTURY	9,433	0.35	38,564	1.43	19,913	0.73
450839	WORLD CIVILIZATION, TWENTIETH CENTURY, HONORS	1,931	0.07	3,586	0.13	5,547	0.20
450840	WESTERN CIVILIZATION 9	137,845	5.07	74,100	2.75	120,446	4.40
450841	WESTERN CIVILIZATION 9, HONORS	16,308	0.60	10,227	0.38	9,061	0.33
450842	WESTERN CIVILIZATION, HISTORY	43,052	1.58	34,145	1.27	83,320	3.04
450843	EARLY WESTERN CIVILIZATION	21,268	0.78	9,438	0.35	4,370	0.16
450844	WESTERN CIVILIZATION, ADVANCED PLACEMENT	19,307	0.71	10,791	0.40	14,521	0.53
450845	ANCIENT AND CLASSICAL WORLD	17,249	0.63	12,459	0.46	11,153	0.41
450846	ANCIENT GREEK HISTORY	151	0.01	3,865	0.14	5,830	0.21
450847	ROME AND HER EMPIRE	.	.	1,956	0.07	1,434	0.05
450848	ANCIENT HISTORY AND MIDDLE AGES	42,872	1.58	80,350	2.98	65,642	2.40
450849	ENGLISH HISTORY	1,125	0.04	1,614	0.06	3,746	0.14
450850	ENGLISH HISTORY, HONORS	.	.	.	.	3,756	0.14
450851	FRENCH REVOLUTION, HONORS	.	.	836	0.03	277	0.01
450852	MODERN EUROPE	39,552	1.46	46,197	1.71	38,843	1.42
450853	EUROPEAN HISTORY, MID-NINETEENTH THROUGH MID-TWENTIETH CENTURIES, ADV	2,954	0.11	4,520	0.17	5,831	0.21
450854	EUROPEAN HISTORY, TWENTIETH CENTURY	1,806	0.07	4,755	0.18	24,001	0.88
450855	EUROPEAN HISTORY, ADVANCED READINGS	100	0.00	1,903	0.07	7,583	0.28
450856	EUROPEAN HISTORY, MODERN, ADVANCED PLACEMENT	28,763	1.06	29,677	1.10	21,813	0.80
450857	THIRD WORLD HISTORY	179	0.01	4,908	0.18	3,805	0.14
450858	AFRICAN HISTORY	181	0.01	3,209	0.12	8,432	0.31
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA	154	0.01	2,427	0.09	12,034	0.44
450860	LATIN AMERICAN HISTORY	688	0.03	1,131	0.04	6,265	0.23
450861	MIDDLE EAST HISTORY	589	0.02	800	0.03	2,882	0.11
450862	ISRAEL, HISTORY	.	.	373	0.01	260	0.01

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
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(Continued)

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450863	EASTERN CIVILIZATION	5,508	0.20	625	0.02	20,122	0.74
450864	FAR EAST, HISTORY	151	0.01	79	0.00	2,252	0.08
450865	ASIAN HISTORY, MODERN	4,466	0.16	428	0.02	8,016	0.29
450866	PACIFIC LANDS, HISTORY	2,413	0.09	78	0.00	3,604	0.13
450867	RUSSIAN HISTORY	13,532	0.50	12,774	0.47	7,748	0.28
450868	WORLD LEADERS, PAST AND PRESENT	1,370	0.05	595	0.02	9,599	0.35
450869	HISTORICAL RESEARCH	2,515	0.09	1,672	0.06	540	0.02
450900	INTERNATIONAL RELATIONS, OTHER	.	.	.	.	390	0.01
450911	INTERNATIONAL RELATIONS	21,601	0.80	11,206	0.42	36,896	1.35
450921	INTERNATIONAL RELATIONS, HONORS	3,170	0.12	1,952	0.07	1,662	0.06
450931	INTERNATIONAL LAW	.	.	170	0.01	564	0.02
450941	MODEL SECURITY COUNCIL, LOCAL	.	.	.	.	314	0.01
450951	MODEL UNITED NATIONS, LOCAL	2,679	0.10	2,251	0.08	974	0.04
450952	MODEL UNITED NATIONS, NATIONAL	.	.	.	.	585	0.02
451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER	.	.	746	0.03	13,940	0.51
451001	CIVICS	322,978	11.89	497,661	18.45	409,750	14.97
451002	STATE AND LOCAL GOVERNMENT	41,846	1.54	7,740	0.29	30,184	1.10
451003	GOVERNMENT, BASIC	71,646	2.64	50,780	1.88	24,897	0.91
451004	AMERICAN GOVERNMENT	1,353,076	49.81	1,154,363	42.81	1,071,487	39.15
451005	PRESIDENCY	268	0.01	1,295	0.05	14,582	0.53
451006	FRAMEWORK OF THE CONSTITUTION	6,039	0.22	30,343	1.13	29,191	1.07
451007	INDIVIDUAL VS. STATE	4,180	0.15	5,576	0.21	5,084	0.19
451008	NATIONAL STATE AND LOCAL ELECTIONS	18,494	0.68	2,782	0.10	31,522	1.15
451009	ELECTIONS. POLITICS AND MORALITY, HONORS	192	0.01	92	0.00	8,332	0.30
451010	CONTEMPORARY WORLD AFFAIRS	122,088	4.49	161,117	5.97	117,994	4.31
451011	AMERICAN FOREIGN POLICY	11,241	0.41	884	0.03	11,562	0.42
451012	DECISION MAKING IN A CRISIS	43	0.00	1,406	0.05	1,090	0.04
451013	AMERICAN HERITAGE, HONORS	6,668	0.25	6,473	0.24	4,702	0.17
451014	CONTEMPORARY AMERICAN POLITICAL ISSUES	63,525	2.34	133,402	4.95	79,581	2.91
451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS	9,360	0.34	5,556	0.21	8,404	0.31
451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC	16,912	0.62	12,986	0.48	5,965	0.22
451017	AMERICAN GOVERNMENT AND ECONOMICS	244,686	9.01	198,941	7.38	54,479	1.99
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS	13,144	0.48	16,419	0.61	7,810	0.29
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC	7,348	0.27	1,568	0.06	4,844	0.18
451020	COMPARATIVE WORLD GOVERNMENTS	22,971	0.85	10,232	0.38	16,073	0.59
451021	AMERICANISM VS. COMMUNISM	5,592	0.21	5,534	0.21	20,049	0.73
451022	AMERICANISM VS. COMMUNISM, HONORS	638	0.02	1,719	0.06	.	.
451023	COMMUNISM AND ITS GROWTH	8,345	0.31	1,425	0.05	3,777	0.14
451024	CIVICS, HONORS	3,777	0.14	3,845	0.14	1,757	0.06
451025	WRITINGS INFLUENCING GOVERNMENT	.	.	.	.	1,003	0.04
451026	GOVERNMENT INTERNSHIP	2,693	0.10	1,237	0.05	4,089	0.15
451027	MODEL SENATE	.	.	99	0.00	471	0.02
451028	POLITICAL LEADERSHIP	13,442	0.49	19,014	0.71	1,201	0.04
451029	POLITICAL SCIENCE	47,970	1.77	9,334	0.35	30,700	1.12
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT	34,383	1.27	16,338	0.61	1,894	0.07

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1990 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1987 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1987 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1982 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1982 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE
451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD ST	.	.	104	0.00	.	.
451032	POLITICAL TURMOIL	.	.	908	0.03	.	.
451033	CONTEMPORARY ISSUES, BASIC SKILLS	9,239	0.34	3,110	0.12	.	.
451100	SOCIOLOGY, OTHER	3,339	0.12	930	0.03	13,451	0.49
451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION	55,512	2.04	57,755	2.14	70,692	2.58
451121	SOCIOLOGY, GENERAL	411,526	15.15	345,351	12.81	350,595	12.81
451131	SOCIOLOGY, ISSUES	4,004	0.15	16,022	0.59	15,573	0.57
451141	MOBILITY IN SOCIETY	.	.	.	.	152	0.01
451151	VIOLENCE IN AMERICA	.	.	1,146	0.04	3,892	0.14
451161	DEATH AND DYING	21,622	0.80	20,660	0.77	19,369	0.71
451171	SOCIOLOGY, HONORS	998	0.04	2,296	0.09	2,172	0.08
451181	SOCIOLOGY, RESEARCH	85	0.00	.	.	2,289	0.08
451200	URBAN STUDIES, OTHER	.	.	.	.	682	0.02
451211	URBAN PROBLEMS	10,701	0.39	18,855	0.70	31,410	1.15
451221	URBAN ECOLOGY	.	.	339	0.01	258	0.01
451231	TECHNOLOGY AND URBANIZATION	.	.	153	0.01	1,056	0.04
459900	SOCIAL SCIENCES, OTHER	3,525	0.13	.	.	8,393	0.31
460111	MASONRY 1	8,145	0.30	4,021	0.15	10,878	0.40
460112	MASONRY 2	1,861	0.07	2,077	0.08	3,604	0.13
460113	MASONRY 3	556	0.02	.	.	.	.
460121	TILE SETTING AND PLASTERING	.	.	128	0.00	.	.
460131	CONCRETE TECHNICIAN	360	0.01	1,122	0.04	.	.
460200	CARPENTRY, OTHER	.	.	.	.	1,754	0.06
460211	CARPENTRY 1	12,407	0.46	13,916	0.52	23,626	0.86
460212	CARPENTRY 2	6,231	0.23	5,280	0.20	7,566	0.28
460213	CARPENTRY 3	905	0.03	2,554	0.09	4,803	0.18
460311	HOUSEWIRING 1	3,098	0.11	6,162	0.23	2,353	0.09
460312	HOUSEWIRING 2	187	0.01	820	0.03	163	0.01
460321	ELECTRIC POWER AND COMMUNICATIONS LINEWORKER	.	.	186	0.01	.	.
460400	MISCELLANEOUS CONSTRUCTION TRADES, OTHER	.	.	.	.	2,677	0.10
460411	BUILDING CONSTRUCTION 1	55,921	2.06	50,931	1.89	52,931	1.93
460412	BUILDING CONSTRUCTION 2	8,188	0.30	11,672	0.43	10,224	0.37
460413	BUILDING CONSTRUCTION 3	1,132	0.04	703	0.03	.	.
460421	PAINTING AND DECORATING	42	0.00	.	.	1,491	0.05
460431	BUILDING MAINTENANCE	1,023	0.04	905	0.03	1,246	0.05
460432	BUILDING MAINTENANCE 2	.	.	568	0.02	.	.
460441	HOME MAINTENANCE AND REPAIR	18,195	0.67	12,967	0.48	14,468	0.53
460451	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 1	1,396	0.05	829	0.03	.	.
460452	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 2	.	.	401	0.01	.	.
460511	PLUMBING 1	918	0.03	1,114	0.04	3,074	0.11
460512	PLUMBING 2	505	0.02	876	0.03	513	0.02
469900	CONSTRUCTION TRADES, OTHER	415	0.02	.	.	9,628	0.35
470100	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER	.	.	.	.	657	0.02
470111	SMALL APPLIANCE REPAIR	69	0.00	760	0.03	4,556	0.17
470121	RADIO AND TV REPAIR 1	.	.	1,827	0.07	6,870	0.25

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
470122	RADIO AND TV REPAIR 2	.	.	1,121	0.04	471	0.02
470123	RADIO AND TV REPAIR 3	.	.	850	0.03	81	0.00
470131	APPLIANCE REPAIR 1	456	0.02	825	0.03	1,285	0.05
470132	APPLIANCE REPAIR 2	.	.	515	0.02	39	0.00
470151	BUSINESS MACHINE REPAIR	.	.	284	0.01	.	.
470161	INDUSTRIAL ELECTRICITY	693	0.03	922	0.03	3,993	0.15
470171	INDUSTRIAL ELECTRONICS	3,139	0.12	3,987	0.15	.	.
470200	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER	.	.	.	.	183	0.01
470211	AIR CONDITIONING, REFRIGERATION, AND HEATING	3,650	0.13	4,834	0.18	7,502	0.27
470212	AIR CONDITIONING, REFRIGERATION, AND HEATING, ADVANCED	214	0.01	1,646	0.06	2,528	0.09
470213	AIR CONDITIONING, REFRIGERATION AND HEATING 3	.	.	39	0.00	.	.
470300	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER	.	.	.	.	146	0.01
470311	INDUSTRIAL MECHANICS 1	415	0.02	2,511	0.09	1,650	0.06
470312	INDUSTRIAL MECHANICS 2	106	0.00	1,025	0.04	1,005	0.04
470321	DIESEL MECHANICS	620	0.02	1,406	0.05	1,922	0.07
470331	INDUSTRIAL MAINTENANCE MECHANICS 1	399	0.01	893	0.03	.	.
470332	INDUSTRIAL MAINTENANCE MECHANICS 2	.	.	1,173	0.04	.	.
470341	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 1	.	.	442	0.02	.	.
470342	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 2	.	.	248	0.01	.	.
470343	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 3	.	.	248	0.01	.	.
470421	INSTRUMENT MAINTENANCE AND REPAIR	860	0.03	.	.	278	0.01
470431	SHOE REPAIR AND ORTHOPEDICS 1	148	0.01	.	.	.	.
470511	POWER MECHANICS 1	39,973	1.47	35,227	1.31	82,665	3.02
470512	POWER MECHANICS 2	2,929	0.11	4,299	0.16	11,749	0.43
470513	POWER MECHANICS 3	.	.	300	0.01	3,578	0.13
470514	POWER MECHANICS 4	.	.	99	0.00	.	.
470521	HYDRAULICS AND PNEUMATICS	1,096	0.04	.	.	.	.
470600	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND	.	.	149	0.01	1,205	0.04
470611	SMALL ENGINE REPAIR 1	44,632	1.64	36,374	1.35	56,100	2.05
470612	SMALL ENGINE REPAIR 2	1,420	0.05	2,478	0.09	4,434	0.16
470621	AUTO MECHANICS 1	126,115	4.64	135,826	5.04	148,764	5.44
470622	AUTO MECHANICS 2	39,672	1.46	50,587	1.88	53,275	1.95
470623	AUTO MECHANICS 3	7,004	0.26	9,871	0.37	16,021	0.59
470624	AUTO MECHANICS - COOPERATIVE EDUCATION 1	2,349	0.09	306	0.01	.	.
470625	AUTO MECHANICS - COOPERATIVE EDUCATION 2	679	0.03	.	.	.	.
470631	AUTO BODY 1	17,625	0.65	21,420	0.79	29,938	1.09
470632	AUTO BODY 2	6,400	0.24	12,148	0.45	10,013	0.37
470633	AUTO BODY 3	546	0.02	1,265	0.05	.	.
470641	AUTO SERVICE 1	10,013	0.37	24,690	0.92	22,037	0.81
470642	AUTO SERVICE 2	308	0.01	3,526	0.13	889	0.03
470651	CONSUMER AUTO	22,043	0.81	8,131	0.30	11,358	0.42
470661	AIRFRAMES 1	172	0.01	413	0.02	200	0.01
470662	AIRFRAMES 2	.	.	99	0.00	200	0.01
470671	AVIATION POWERPLANT 1	1,098	0.04	547	0.02	1,173	0.04
470672	AVIATION POWERPLANT 2	.	.	181	0.01	.	.

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1990 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1987 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1987 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1982 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1982 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE
470673	AVIATION POWERPLANT 3	.	.	27	0.00	.	.
470674	AVIATION POWERPLANT 4	.	.	27	0.00	.	.
470681	AVIATION QUALITY CONTROL 1	.	.	.	.	659	0.02
470682	AVIATION QUALITY CONTROL 2	.	.	.	.	402	0.01
479900	MECHANICS AND REPAIRERS, OTHER	90	0.00	188	0.01	1,703	0.06
480100	DRAFTING, OTHER	659	0.02	149	0.01	2,112	0.08
480111	MECHANICAL DRAWING 1	310,650	11.44	296,802	11.01	277,803	10.15
480112	MECHANICAL DRAWING 2	50,789	1.87	73,271	2.72	73,664	2.69
480113	MECHANICAL DRAWING 3	12,403	0.46	19,888	0.74	21,438	0.78
480114	MECHANICAL DRAWING 4	4,574	0.17	5,000	0.19	6,293	0.23
480121	ARCHITECTURAL DRAWING 1	63,364	2.33	55,266	2.05	59,543	2.18
480122	ARCHITECTURAL DRAWING 2	6,077	0.22	11,900	0.44	12,721	0.46
480123	ARCHITECTURAL DRAWING 3	3,075	0.11	364	0.01	905	0.03
480124	ARCHITECTURAL DRAWING 4	653	0.02	310	0.01	255	0.01
480131	ENGINEERING DRAWING 1	32,153	1.18	21,539	0.80	15,434	0.56
480132	ENGINEERING DRAWING 2	2,543	0.09	2,276	0.08	1,333	0.05
480141	BLUEPRINT READING	1,311	0.05	3,566	0.13	9,696	0.35
480151	DRAFTING 1, COOPERATIVE	48	0.00	2,254	0.08	2,725	0.10
480152	DRAFTING 2, COOPERATIVE	.	.	190	0.01	118	0.00
480200	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER	2,040	0.08	779	0.03	2,157	0.08
480211	COMMERCIAL ART 1	42,079	1.55	47,360	1.76	39,937	1.46
480212	COMMERCIAL ART 2	4,413	0.16	4,715	0.17	8,742	0.32
480213	COMMERCIAL ART, COOPERATIVE	.	.	369	0.01	1,136	0.04
480221	GRAPHIC ARTS 1	94,573	3.48	114,993	4.26	122,479	4.48
480222	GRAPHIC ARTS 2	13,558	0.50	29,530	1.10	28,461	1.04
480223	GRAPHIC ARTS 3	4,968	0.18	7,782	0.29	6,981	0.26
480224	GRAPHIC ARTS 4	220	0.01	1,574	0.06	4,597	0.17
480231	SIGN PAINTING 1	.	.	2,820	0.10	7,425	0.27
480251	ELECTRONIC COMPOSITION	91	0.00	217	0.01	336	0.01
480261	COPY EDITING	.	.	100	0.00	.	.
480311	LEATHERWORK 1	354	0.01	5,835	0.22	14,141	0.52
480312	LEATHERWORK 2	.	.	660	0.02	881	0.03
480321	UPHOLSTERY	1,366	0.05	397	0.01	3,918	0.14
480322	UPHOLSTERY, ADVANCED	.	.	409	0.02	397	0.01
480331	AUTO UPHOLSTERY	.	.	280	0.01	141	0.01
480411	MEATCUTTING 1	.	.	3,109	0.12	2,786	0.10
480412	MEATCUTTING 2	.	.	632	0.02	.	.
480500	PRECISION METAL WORK, OTHER	.	.	.	.	1,739	0.06
480511	METAL 1	101,784	3.75	119,285	4.42	166,501	6.08
480512	METAL 2	18,207	0.67	36,017	1.34	31,196	1.14
480513	METAL 3	2,239	0.08	5,010	0.19	7,646	0.28
480514	METAL 4	506	0.02	1,867	0.07	2,853	0.10
480521	WELDING 1	36,109	1.33	38,165	1.42	58,534	2.14
480522	WELDING 2	8,494	0.31	10,481	0.39	13,651	0.50
480523	WELDING 3	2,247	0.08	2,585	0.10	10,290	0.38

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

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		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
480524	WELDING - COOPERATIVE EDUCATION	.	.	497	0.02	.	.
480531	SHEET METAL 1	2,686	0.10	4,089	0.15	6,727	0.25
480532	SHEET METAL 2	407	0.01	1,387	0.05	2,505	0.09
480541	METAL RESTORATION	.	.	.	.	321	0.01
480551	FOUNDRY 1	.	.	156	0.01	1,393	0.05
480552	FOUNDRY 2	.	.	.	.	266	0.01
480611	PLASTICS 1	11,487	0.42	18,658	0.69	30,204	1.10
480612	PLASTICS 2	1,603	0.06	896	0.03	1,868	0.07
480621	SPACE AGE PLASTICS	1,871	0.07	.	.	.	.
480700	WOODWORKING, OTHER	.	.	573	0.02	1,234	0.05
480711	WOODWORKING 1	250,445	9.22	269,753	10.00	317,579	11.60
480712	WOODWORKING 2	70,475	2.59	116,062	4.30	98,462	3.60
480713	WOODWORKING 3	23,148	0.85	27,677	1.03	36,528	1.33
480714	WOODWORKING 4	4,518	0.17	5,631	0.21	10,234	0.37
480721	FURNITURE REFINISHING	711	0.03	2,207	0.08	9,461	0.35
480731	CABINETMAKING 1	10,475	0.39	11,153	0.41	13,225	0.48
480732	CABINETMAKING 2	6,718	0.25	3,167	0.12	5,145	0.19
489900	PRECISION PRODUCTION, OTHER	.	.	128	0.00	.	.
490100	AIR TRANSPORTATION, OTHER	.	.	.	.	340	0.01
490111	AERONAUTICS 1	6,331	0.23	5,869	0.22	5,479	0.20
490112	AERONAUTICS 2	126	0.00	1,195	0.04	1,319	0.05
490121	AVIATION TECHNOLOGY 1	790	0.03	1,189	0.04	4,340	0.16
490122	AVIATION TECHNOLOGY 2	.	.	262	0.01	.	.
490123	AVIATION TECHNOLOGY 3	.	.	99	0.00	.	.
490131	AIR TRAVEL SERVICE OCCUPATIONS	141	0.01	133	0.00	.	.
490211	FORKLIFT OPERATOR	.	.	.	.	32	0.00
490212	TRACTOR-TRAILER TRUCK DRIVING	3,463	0.13	.	.	.	.
490213	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT	2,277	0.08	.	.	.	.
490214	BUS DRIVER/CHAUFFEUR	.	.	1,082	0.04	.	.
490300	WATER TRANSPORTATION, OTHER	.	.	72	0.00	.	.
490311	MARINE MECHANICS, BASIC	59	0.00	694	0.03	266	0.01
490312	MARINE MECHANICS, ADVANCED	.	.	.	.	628	0.02
490321	BOAT BUILDING	.	.	110	0.00	227	0.01
490331	NAVIGATION	.	.	110	0.00	910	0.03
490341	AQUATIC OCCUPATIONS	.	.	188	0.01	.	.
490411	INTRODUCTION TO TRANSPORTATION INDUSTRY	16,099	0.59	3,122	0.12	.	.
490412	TRANSPORTATION TECHNOLOGY 2	109	0.00	138	0.01	.	.
499900	TRANSPORTATION AND MATERIAL MOVING, OTHER	.	.	741	0.03	.	.
500100	VISUAL AND PERFORMING ARTS, OTHER GENERAL	1,492	0.05	98	0.00	649	0.02
500111	AESTHETICS	30,142	1.11	22,101	0.82	8,742	0.32
500200	CRAFTS, OTHER	627	0.02	.	.	7,154	0.26
500211	CRAFTS 7	.	.	.	.	4,451	0.16
500212	CRAFTS 8	.	.	.	.	1,842	0.07
500213	CRAFTS 9	87,730	3.23	76,006	2.82	121,337	4.43
500214	CRAFTS 10	21,846	0.80	32,893	1.22	28,846	1.05

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CSSC CODE	COURSE TITLE	1990 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1990 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1987 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1987 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1982 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1982 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE
500215	CRAFTS 11	3,799	0.14	15,7[illegible]	0.58	7,628	0.28
500216	CRAFTS 12	.	.	8,9[illegible]1	0.33	2,809	0.10
500221	CRAFTS 11, ADVANCED	137	0.01	2,695	0.10	8,270	0.30
500222	CRAFTS 12, ADVANCED	.	.	1,404	0.05	947	0.03
500231	DECORATOR CRAFTS	.	.	312	0.01	5,479	0.20
500241	ENAMELING	.	.	59	0.00	2,090	0.08
500251	JEWELRY 1	22,286	0.82	27,162	1.01	39,809	1.45
500252	JEWELRY 2	2,499	0.09	2,263	0.08	.	.
500253	JEWELRY 3	112	0.00	.	.	.	.
500261	CERAMICS 7	.	.	821	0.03	2,397	0.09
500262	CERAMICS 8	.	.	.	.	1,422	0.05
500263	CERAMICS 9	113,277	4.17	83,396	3.09	127,770	4.67
500264	CERAMICS 10	58,807	2.16	53,631	1.99	53,733	1.96
500265	CERAMICS 11	9,195	0.34	5,217	0.19	10,074	0.37
500266	CERAMICS 12	4,437	0.16	4,528	0.17	10,217	0.37
500271	TEXTILE DESIGN	5,213	0.19	2,674	0.10	20,080	0.73
500281	MODEL BUILDING	.	.	.	.	243	0.01
500291	PRINTMAKING 1	28,212	1.04	9,459	0.35	21,672	0.79
500292	PRINTMAKING 2	.	.	116	0.00	.	.
500300	DANCE, OTHER	878	0.03	169	0.01	7,389	0.27
500311	MODERN DANCE FOR BEGINNERS 9	44,043	1.62	22,992	0.85	16,259	0.59
500312	MODERN DANCE FOR BEGINNERS 10	9,785	0.36	14,561	0.54	4,130	0.15
500313	MODERN DANCE FOR BEGINNERS 11	6,180	0.23	3,529	0.13	1,947	0.07
500314	MODERN DANCE FOR BEGINNERS 12	180	0.01	2,312	0.09	2,793	0.10
500321	MODERN DANCE 9, INTERMEDIATE	3,055	0.11	7,104	0.26	5,593	0.20
500322	MODERN DANCE 10, INTERMEDIATE	842	0.03	9,269	0.34	1,053	0.04
500323	MODERN DANCE 11, INTERMEDIATE	.	.	3,399	0.13	.	.
500324	MODERN DANCE 12, INTERMEDIATE	.	.	4,318	0.16	872	0.03
500331	DANCE 9, ADVANCED	1,156	0.04	2,669	0.10	14,556	0.53
500332	DANCE 10, ADVANCED	6,642	0.24	7,682	0.28	5,827	0.21
500333	DANCE 11, ADVANCED	204	0.01	1,849	0.07	1,815	0.07
500334	DANCE 12, ADVANCED	.	.	1,963	0.07	1,843	0.07
500341	PERFORMING DANCE GROUP 9	4,984	0.18	5,582	0.21	662	0.02
500342	PERFORMING DANCE GROUP 10	625	0.02	2,376	0.09	26	0.00
500343	PERFORMING DANCE GROUP 11	.	.	379	0.01	157	0.01
500344	PERFORMING DANCE GROUP 12	621	0.02	507	0.02	.	.
500351	BALLET AND JAZZ FOR BEGINNERS 9	12,961	0.48	2,104	0.08	1,743	0.06
500352	BALLET AND JAZZ FOR BEGINNERS 10	6,665	0.25	1,884	0.07	664	0.02
500353	BALLET AND JAZZ FOR BEGINNERS 11	693	0.03	.	.	686	0.03
500354	BALLET AND JAZZ FOR BEGINNERS 12	655	0.02	.	.	196	0.01
500361	ETHNIC DANCE	614	0.02	1,665	0.06	1,547	0.06
500371	SQUARE DANCE	192	0.01	32	0.00	984	0.04
500381	AEROBIC DANCE	49,604	1.83	36,336	1.35	4,641	0.17
500400	DESIGN, OTHER	.	.	20	0.00	2,874	0.11
500411	GRAPHIC DESIGN	5,334	0.20	3,498	0.13	5,530	0.20

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1990 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1987 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1987 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE	1982 GRADUATES TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	1982 GRADUATES PERCENTAGE OF GRADUATES NATIONWIDE
500421	THEATER MAKEUP	177	0.01	.	.	.	.
500431	LIGHTING FUNDAMENTALS, THEATER	2,404	0.09	92	0.00	.	.
500500	DRAMATIC ARTS, OTHER	248	0.01	505	0.02	9,829	0.36
500511	STAGECRAFT 9	239,025	8.80	163,378	6.06	91,487	3.34
500512	STAGECRAFT 10	75,908	2.79	104,558	3.88	55,296	2.02
500513	STAGECRAFT 11	33,299	1.23	45,004	1.67	23,796	0.87
500514	STAGECRAFT 12	14,754	0.54	17,902	0.66	13,336	0.49
500521	IMPROVISATION AND MIME	3,730	0.14	3,973	0.15	5,049	0.18
500531	PLAYWRITING	900	0.03	152	0.01	3,308	0.12
500541	THEATER PRACTICUM CONTRACT	10,359	0.38	7,127	0.26	1,269	0.05
500551	DRAMA, HISTORY	16,810	0.62	1,142	0.04	9,893	0.36
500561	DRAMA, INDEPENDENT STUDY	3,896	0.14	183	0.01	2,340	0.09
500600	FILM ARTS, OTHER	.	.	.	.	8,447	0.31
500611	FILM STUDY	17,424	0.64	27,086	1.00	48,185	1.76
500612	LANGUAGE OF THE CINEMA	18,799	0.69	4,201	0.16	12,032	0.44
500621	PHOTOGRAPHY 10	199,851	7.36	160,633	5.96	128,629	4.70
500622	PHOTOGRAPHY 11, ELEMENTARY	17,615	0.65	16,769	0.62	21,850	0.80
500623	PHOTOGRAPHY 12, ELEMENTARY	1,058	0.04	10,350	0.38	8,793	0.32
500631	PHOTOGRAPHY 11, ADVANCED	10,069	0.37	12,172	0.45	14,053	0.51
500632	PHOTOGRAPHY 12, ADVANCED	750	0.03	3,781	0.14	6,526	0.24
500700	FINE ARTS, OTHER	89	0.00	974	0.04	30,367	1.11
500701	FINE ARTS 7	.	.	2,460	0.09	516	0.02
500702	FINE ARTS 8	.	.	.	.	271	0.01
500703	ART, GENERAL	243,616	8.97	225,822	8.37	158,946	5.81
500704	ART 1	644,421	23.72	474,567	17.60	574,862	21.01
500705	ART 2	150,423	5.54	141,068	5.23	160,261	5.86
500706	ART 3	39,844	1.47	48,866	1.81	45,298	1.66
500707	ART 4	23,371	0.86	22,466	0.83	28,638	1.05
500708	ART 1, INDEPENDENT STUDY	25,777	0.95	32,675	1.21	28,007	1.02
500709	ART 2, INDEPENDENT STUDY	36,029	1.33	15,678	0.58	21,541	0.79
500711	ART SERVICES 10	505	0.02	2,786	0.10	3,109	0.11
500712	ART SERVICES 11	.	.	393	0.01	1,833	0.07
500713	ART SERVICES 12	185	0.01	575	0.02	918	0.03
500714	DRAWING	200,506	7.38	145,303	5.39	187,732	6.86
500715	PAINTING 1	59,415	2.19	59,839	2.22	46,676	1.71
500716	PAINTING 2	14,547	0.54	10,227	0.38	7,064	0.26
500717	WATERCOLOR 1	1,670	0.06	1,428	0.05	3,192	0.12
500718	CARTOONING	6,246	0.23	3,241	0.12	9,068	0.33
500719	MURAL PAINTING	263	0.01	956	0.04	1,330	0.05
500720	SCULPTURE	59,117	2.18	36,721	1.36	38,005	1.39
500721	SILK SCREEN	1,376	0.05	4,644	0.17	9,801	0.36
500722	ASSEMBLAGE	187	0.01	140	0.01	635	0.02
500723	PRODUCT DESIGN	15,610	0.57	22,228	0.82	41,002	1.50
500724	LIFE DRAWING	4,473	0.16	1,644	0.06	2,270	0.08
500725	CALLIGRAPHY	11,513	0.42	16,821	0.62	10,173	0.37

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
CSSC CODE	COURSE TITLE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
500726	ART HISTORY AND APPRECIATION	39,361	1.45	37,156	1.38	28,386	1.04
500727	BLACK FINE ARTS	.	.	.	.	213	0.01
500729	BICULTURAL ART	.	.	.	.	29	0.00
500731	ETHNIC ART HISTORY	190	0.01	1,531	0.06	592	0.02
500732	ART AS A MULTICULTURAL STUDY	.	.	928	0.03	1,481	0.05
500800	GRAPHIC ARTS TECHNOLOGY, OTHER	.	.	1,594	0.06	2,631	0.10
500811	COMPUTER GRAPHICS DESIGN	15,213	0.56	3,705	0.14	.	.
500900	MUSIC, OTHER	692	0.03	2,131	0.08	39,988	1.46
500901	MUSIC 7	.	.	705	0.03	26,246	0.96
500902	MUSIC 8	.	.	.	.	3,491	0.13
500903	BAND 7	.	.	.	.	3,426	0.13
500904	BAND 7, ADVANCED	.	.	85	0.00	5,781	0.21
500905	BAND 8	.	.	1,757	0.07	4,935	0.18
500906	BAND 8, ADVANCED	.	.	.	.	1,922	0.07
500907	BAND 9	108,098	3.98	94,326	3.50	216,861	7.92
500908	BAND 9, ADVANCED	63,909	2.35	36,607	1.36	79,827	2.92
500909	BAND, CONCERT	159,930	5.89	241,458	8.95	133,926	4.89
500910	BAND, MARCHING	93,371	3.44	106,603	3.95	69,069	2.52
500911	BAND, SYMPHONIC	52,069	1.92	55,989	2.08	39,912	1.46
500912	ORCHESTRA 7	.	.	.	.	1,295	0.05
500913	ORCHESTRA 7, ADVANCED	.	.	37	0.00	674	0.02
500915	ORCHESTRA 8, ADVANCED	.	.	.	.	720	0.03
500916	ORCHESTRA 9	19,853	0.73	12,600	0.47	20,237	0.74
500917	ORCHESTRA 9, ADVANCED	5,951	0.22	4,104	0.15	4,532	0.17
500918	ORCHESTRA 10	10,833	0.40	12,695	0.47	7,151	0.26
500919	ORCHESTRA 11	3,703	0.14	10,303	0.38	5,476	0.20
500920	ORCHESTRA 12	5,778	0.21	5,711	0.21	6,613	0.24
500921	INSTRUMENTAL STRING CLASS	4,732	0.17	5,904	0.22	6,967	0.25
500922	BRASS AND PERCUSSION CLASS	3,240	0.12	4,422	0.16	5,879	0.21
500923	WIND ENSEMBLE	15,373	0.57	14,406	0.53	11,745	0.43
500924	WOODWIND CLASS	1,587	0.06	5,223	0.19	5,447	0.20
500925	ELECTRONIC MUSIC, INTRODUCTION	1,189	0.04	3,899	0.14	1,699	0.06
500926	ENSEMBLE, INSTRUMENTAL	42,434	1.56	52,065	1.93	46,810	1.71
500927	GUITAR, BEGINNING	14,958	0.55	23,205	0.86	35,036	1.28
500928	GUITAR, INTERMEDIATE	4,342	0.16	3,137	0.12	4,500	0.16
500929	GUITAR, ADVANCED	1,638	0.06	1,901	0.07	2,648	0.10
500930	HANDBELLS	1,037	0.04	1,300	0.05	1,086	0.04
500931	PIANO 1	28,979	1.07	25,066	0.93	21,554	0.79
500932	PIANO 2	2,070	0.08	2,053	0.08	4,089	0.15
500933	ORGAN	.	.	.	.	1,194	0.04
500934	MUSIC LESSONS, APPLIED	26,804	0.99	11,740	0.44	11,506	0.42
500935	CHORUS 7	.	.	.	.	5,288	0.19
500936	CHORUS 7, ADVANCED	.	.	.	.	31	0.00
500937	CHORUS 8	.	.	.	.	683	0.02
500938	CHORUS 8, ADVANCED	2,456	0.09	.	.	155	0.01

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
CSSC CODE	COURSE TITLE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
500939	CHORUS 9	265,302	9.77	232,877	8.64	246,742	9.02
500940	CHORUS 9, ADVANCED	22,809	0.84	19,995	0.74	32,041	1.17
500941	CHORUS 10	47,284	1.74	97,752	3.62	70,315	2.57
500942	CHORUS 10, ADVANCED	11,646	0.43	13,980	0.52	8,992	0.33
500943	CHORUS 11	29,709	1.09	85,601	3.17	34,776	1.27
500944	CHORUS 11, ADVANCED	25,918	0.95	18,924	0.70	13,402	0.49
500945	CHORUS 12	10,689	0.39	50,320	1.87	22,228	0.81
500946	CHORUS 12, ADVANCED	10,239	0.38	6,030	0.22	10,693	0.39
500947	VOCAL ENSEMBLE	140,466	5.17	159,356	5.91	160,595	5.87
500948	VOICE CLASS	13,788	0.51	9,302	0.34	9,483	0.35
500949	NY AND COMPOSITION	1,615	0.06	2,147	0.08	4,310	0.16
500951	CONDUCTING	.	.	2,430	0.09	.	.
500952	MUSIC THEORY	63,266	2.33	28,632	1.06	44,287	1.62
500953	MUSIC HISTORY 7	.	.	.	.	597	0.02
500954	MUSIC HISTORY 8	.	.	.	.	938	0.03
500955	MUSIC HISTORY 9	11,325	0.42	12,648	0.47	24,903	0.91
500956	MUSIC HISTORY 10	2,914	0.11	3,152	0.12	1,013	0.04
500957	MUSIC HISTORY 11	.	.	518	0.02	3,127	0.11
500958	MUSIC HISTORY 12	.	.	1,069	0.04	995	0.04
500959	MUSIC LITERATURE 9	4,641	0.17	6,203	0.23	2,247	0.08
500960	MUSIC LITERATURE 10	.	.	3,808	0.14	782	0.03
500961	MUSIC LITERATURE 11	.	.	612	0.02	148	0.01
500962	MUSIC LITERATURE 12	427	0.02	409	0.02	458	0.02
500963	MUSIC APPRECIATION	88,271	3.25	86,321	3.20	39,514	1.44
500964	FOLK MUSIC, ETHNIC	932	0.03	742	0.03	.	.
500965	MUSIC THEATER	10,151	0.37	4,041	0.15	9,345	0.34
500966	MUSIC, INDEPENDENT STUDY	2,092	0.08	5,834	0.22	4,687	0.17
500967	MUSIC LABORATORY, GENERAL SURVEY	9,209	0.34	14,938	0.55	.	.
509900	VISUAL AND PERFORMING ARTS, OTHER	.	.	255	0.01	1,305	0.05
510101	EXECUTIVE INTERNSHIP	3,666	0.13	.	.	32,043	1.17
510102	EXECUTIVE INTERNSHIP 2	164	0.01	5,365	0.20	1,269	0.05
5XXXXX	SPECIAL EDUCATION COURSES	102,314	3.77	70,322	2.61	18,653	0.69
6XXXXX	UNCODEABLE	46,497	1.71	.	.	.	.

NOTE: For presentation purposes, all Special Education courses included in this table have been treated as one CSSC code 5XXXXX.

NOTE: CSSC code 6XXXXX represents courses for which we have insufficient information to assign a regular CSSC code. For example, some transcript entries were so abbreviated that we could not determine the nature of the courses. In other cases, a transcript indicated that credit was awarded for transferred courses but provided no list of specific courses.

Table 8. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990, 1987, and 1982

SUBJECT FIELD	1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ENGLISH	4.09	4.03	3.80
HISTORY	1.99	1.90	1.68
SOCIAL STUDIES OTHER THAN HIST	1.48	1.43	1.42
MATHEMATICS	3.11	2.97	2.54
COMPUTER SCIENCE/PROG/DATA PROC	0.46	0.43	0.11
SCIENCE	2.82	2.59	2.19
FOREIGN LANGUAGES	1.62	1.46	1.05
NON-OCC SPECIFIC VOC ED	1.50	1.64	1.84
OCC SPECIFIC VOC ED	1.75	2.02	2.14
VISUAL AND PERFORMING ARTS	1.53	1.43	1.39
PHYSICAL ED,HEALTH, & SPORTS	2.01	1.97	1.93
ALL COURSES OTHER THAN ABOVE	1.24	1.14	1.14
MEAN TOTAL NUMBER OF CREDITS EARNED	23.60	23.01	21.23

Table 9. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990

	CREDITS EARNED CATEGORIES									
SUBJECT FIELD	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
ENGLISH	0.3	0.1	0.3	1.5	9.0	61.2	21.9	4.1	1.6	4.09
HISTORY	1.1	1.3	18.2	53.0	23.3	2.8	0.2	0.0	0.0	1.99
SOCIAL STUDIES OTHER THAN HIST	5.7	6.9	33.9	39.5	11.7	1.9	0.3	0.1	0.1	1.48
MATHEMATICS	0.4	0.1	2.8	20.2	36.9	34.3	5.1	0.4	0.1	3.11
COMPUTER SCIENCE/PROG/DATA PROC	48.1	24.8	19.0	6.7	1.1	0.2	0.1	0.1	0.0	0.46
SCIENCE	0.4	0.1	5.0	33.0	34.8	20.3	4.9	1.2	0.3	2.82
FOREIGN LANGUAGES	26.9	2.6	14.4	31.0	15.3	8.2	0.9	0.3	0.2	1.62
NON-OCC SPECIFIC VOC ED	19.2	13.1	21.8	23.4	11.7	6.0	2.7	1.0	1.1	1.50
OCC SPECIFIC VOC ED	30.7	9.4	15.6	15.3	10.3	6.8	4.2	3.5	4.1	1.75
VISUAL AND PERFORMING ARTS	25.4	10.7	20.9	18.7	9.6	7.8	3.7	1.7	1.5	1.53
PHYSICAL ED,HEALTH, & SPORTS	2.8	4.7	16.7	36.8	24.6	11.3	2.7	0.2	0.1	2.01
ALL COURSES OTHER THAN ABOVE	24.1	26.6	14.1	16.9	7.9	4.9	3.1	1.1	1.2	1.24

Table 10. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1987

	CREDITS EARNED CATEGORIES									
SUBJECT FIELD	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
ENGLISH	0.1	0.0	0.3	1.6	10.1	63.3	20.0	3.1	1.4	4.03
HISTORY	0.6	0.7	22.6	52.2	21.7	2.1	0.1	0.0	0.0	1.90
SOCIAL STUDIES OTHER THAN HIST	7.9	9.6	30.7	38.0	11.0	2.3	0.3	0.1	0.0	1.43
MATHEMATICS	0.4	0.2	4.7	25.4	33.3	30.3	5.0	0.7	0.1	2.97
COMPUTER SCIENCE/PROG/DATA PROC	51.8	24.2	16.7	5.9	0.9	0.3	0.1	0.1	0.1	0.43
SCIENCE	0.8	0.5	10.4	37.5	28.3	16.8	4.3	1.0	0.3	2.59
FOREIGN LANGUAGES	32.7	2.6	16.4	26.0	13.2	7.1	1.2	0.5	0.3	1.46
NON-OCC SPECIFIC VOC ED	17.0	10.4	21.9	24.5	14.0	6.7	3.3	1.3	0.9	1.64
OCC SPECIFIC VOC ED	26.1	8.2	15.5	15.6	11.5	8.2	5.7	4.2	5.2	2.02
VISUAL AND PERFORMING ARTS	32.1	10.1	18.5	16.5	8.6	7.2	3.6	1.6	1.7	1.43
PHYSICAL ED,HEALTH, & SPORTS	5.1	6.1	19.1	35.9	17.1	11.3	4.7	0.6	0.1	1.97
ALL COURSES OTHER THAN ABOVE	26.2	25.4	16.3	14.7	7.7	5.3	3.0	0.8	0.5	1.14

Table 11. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1982

	CREDITS EARNED CATEGORIES									
SUBJECT FIELD	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
ENGLISH	0.6	0.1	0.7	3.0	20.9	53.5	16.1	3.8	1.4	3.80
HISTORY	3.6	2.4	30.2	46.3	15.5	1.8	0.1	0.0	0.1	1.68
SOCIAL STUDIES OTHER THAN HIST	9.4	10.1	29.8	35.1	12.0	2.9	0.5	0.1	0.1	1.42
MATHEMATICS	1.5	0.6	14.2	31.7	27.3	20.5	3.6	0.4	0.2	2.54
COMPUTER SCIENCE/PROG/DATA PROC	86.4	8.1	4.2	0.8	0.1	0.1	0.1	0.0	0.0	0.11
SCIENCE	3.0	1.2	23.0	36.7	19.6	11.9	3.5	1.0	0.2	2.19
FOREIGN LANGUAGES	48.5	2.5	14.5	19.4	9.2	5.0	0.6	0.2	0.1	1.05
NON-OCC SPECIFIC VOC ED	15.0	8.9	20.3	23.9	15.6	8.8	4.4	1.6	1.7	1.84
OCC SPECIFIC VOC ED	23.5	7.1	15.1	17.1	12.2	9.1	6.1	4.1	5.9	2.14
VISUAL AND PERFORMING ARTS	33.3	11.0	17.1	15.2	9.4	7.5	3.3	1.6	1.7	1.39
PHYSICAL ED,HEALTH, & SPORTS	5.7	5.0	19.6	35.3	19.3	10.8	3.3	0.6	0.4	1.93
ALL COURSES OTHER THAN ABOVE	24.2	26.4	15.9	17.4	7.7	4.3	2.4	0.9	0.9	1.14

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories

		CREDITS EARNED CATEGORIES									
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
ENGLISH	ALL GRADUATES:	0.3	0.1	0.3	1.5	9.0	61.2	21.9	4.1	1.6	4.09
	GENDER										
	MALE	0.4	0.1	0.3	1.7	9.3	62.5	20.1	3.9	1.7	4.06
	FEMALE	0.2	0.1	0.3	1.3	8.7	60.0	23.5	4.4	1.6	4.12
	RACE/ETHNICITY										
	WHITE	0.2	0.1	0.3	1.5	10.0	62.7	21.1	3.2	0.9	4.03
	BLACK	0.7	0.2	0.5	0.8	6.1	59.6	24.8	5.4	1.9	4.17
	HISPANIC	0.3	0.0	0.2	1.8	6.2	49.0	27.2	9.2	6.1	4.43
	ASIAN/PACIFIC	0.1	0.0	0.1	1.5	3.8	57.2	22.5	8.2	6.4	4.42
	OTHER	0.0	0.0	0.0	2.0	7.6	55.3	25.1	7.6	2.5	4.25
	NOT REPORTED	0.2	0.0	0.3	3.0	10.5	67.9	14.7	2.6	0.9	3.91
	STUDENT PROGRAM										
	ACADEMIC	0.0	0.0	0.1	0.9	3.7	61.7	26.1	5.3	2.3	4.27
	VOCATIONAL	1.0	0.1	0.7	3.2	28.8	57.4	7.9	0.9	0.0	3.54
	BOTH	0.0	0.0	0.0	0.4	4.4	72.8	18.9	2.8	0.8	4.13
	NEITHER	1.5	0.5	1.2	4.7	28.8	52.0	10.5	0.8	0.0	3.45

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD		CREDITS EARNED CATEGORIES 0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
ENGLISH	COMMUNITY TYPE										
	BIG CITY	0.2	0.2	0.4	3.2	3.9	49.8	29.6	8.4	4.3	4.35
	URBAN FRINGE	0.2	0.0	0.2	1.1	9.1	61.9	21.3	4.6	1.6	4.10
	MEDIUM CITY	0.2	0.0	0.1	0.5	9.0	62.9	22.7	3.5	1.2	4.10
	SMALL PLACE	0.4	0.1	0.4	1.5	10.4	63.7	19.8	2.8	1.0	4.01
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	0.3	0.1	0.3	1.6	9.7	61.5	21.3	3.8	1.5	4.06
	NONPUBLIC	0.2	0.0	0.1	0.4	2.0	58.2	28.2	7.6	3.3	4.38
	REGION										
	NORTHEAST	0.4	0.0	0.6	1.2	6.4	61.7	22.2	5.1	2.3	4.16
	SOUTH CENTRAL	0.4	0.1	0.2	0.3	1.9	71.6	21.6	2.9	1.0	4.19
	NORTH CENTRAL	0.1	0.1	0.3	2.2	20.9	49.3	23.3	3.0	0.9	3.86
	WEST	0.3	0.1	0.1	2.8	7.6	59.0	20.4	6.6	3.1	4.16

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990
by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD		CREDITS EARNED CATEGORIES									
		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
HISTORY	ALL GRADUATES:	1.1	1.3	18.2	53.0	23.3	2.8	0.2	0.0	0.0	1.99
	GENDER										
	MALE	1.1	1.3	17.1	52.6	24.6	3.0	0.2	0.0	0.0	2.00
	FEMALE	1.1	1.3	19.2	53.3	22.1	2.7	0.3	0.1	0.0	1.97
	RACE/ETHNICITY										
	WHITE	1.2	1.6	19.3	52.3	22.5	2.8	0.2	0.0	0.0	1.96
	BLACK	0.8	0.7	19.2	53.7	22.7	2.4	0.3	0.0	0.1	1.99
	HISPANIC	0.9	0.5	11.3	67.0	17.6	2.4	0.2	0.1	0.1	2.01
	ASIAN/PACIFIC	0.1	0.5	12.5	47.6	33.6	5.4	0.3	0.0	0.0	2.19
	OTHER	0.0	0.3	18.2	49.6	29.3	2.3	0.0	0.4	0.0	2.06
	NOT REPORTED	0.7	1.3	11.3	39.9	43.6	2.9	0.3	0.0	0.0	2.26
	STUDENT PROGRAM										
	ACADEMIC	0.6	0.9	14.0	53.3	27.1	3.7	0.4	0.0	0.0	2.11
	VOCATIONAL	4.2	3.4	35.0	48.4	8.3	0.6	0.0	0.0	0.0	1.52
	BOTH	0.6	0.3	18.9	54.9	23.8	1.4	0.1	0.0	0.0	2.01
	NEITHER	2.0	3.2	29.8	52.5	12.0	0.4	0.0	0.0	0.0	1.63

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

		CREDITS EARNED CATEGORIES									
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
HISTORY	COMMUNITY TYPE										
	BIG CITY	0.3	0.4	15.1	52.9	27.2	3.4	0.5	0.1	0.1	2.13
	URBAN FRINGE	0.5	1.6	12.6	54.8	26.7	3.6	0.2	0.0	0.0	2.09
	MEDIUM CITY	0.5	5.2	16.1	65.1	12.0	1.0	0.1	0.0	0.0	1.82
	SMALL PLACE	1.8	0.5	22.7	49.0	23.1	2.6	0.2	0.0	0.0	1.93
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	1.0	1.4	19.2	53.3	22.4	2.4	0.2	0.0	0.0	1.95
	NONPUBLIC	1.7	0.1	8.0	49.7	32.5	7.2	0.7	0.1	0.1	2.31
	REGION										
	NORTHEAST	1.0	0.1	13.0	24.3	51.8	8.8	0.9	0.1	0.0	2.50
	SOUTH CENTRAL	0.3	0.1	23.9	62.0	12.6	0.9	0.1	0.0	0.0	1.85
	NORTH CENTRAL	2.6	3.4	23.3	55.2	14.5	0.8	0.2	0.0	0.0	1.72
	WEST	0.4	1.9	7.2	65.6	22.6	2.3	0.0	0.0	0.0	2.02

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD		CREDITS EARNED CATEGORIES 0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
SOCIAL STUDIES OTHER THAN HIST	ALL GRADUATES:	5.7	6.9	33.9	39.5	11.7	1.9	0.3	0.1	0.1	1.48
	GENDER										
	MALE	5.8	8.3	35.2	38.0	10.5	1.8	0.3	0.1	0.1	1.43
	FEMALE	5.7	5.7	32.6	40.8	12.8	1.9	0.3	0.1	0.0	1.51
	RACE/ETHNICITY										
	WHITE	5.5	7.2	32.8	39.7	12.5	1.8	0.3	0.1	0.1	1.49
	BLACK	8.7	5.7	31.8	41.9	9.4	2.1	0.4	0.0	0.0	1.44
	HISPANIC	4.7	5.5	44.3	33.0	9.2	2.0	0.4	0.5	0.2	1.44
	ASIAN/PACIFIC	3.2	6.6	36.7	38.9	12.9	1.0	0.4	0.0	0.2	1.51
	OTHER	3.6	13.9	34.3	38.4	8.4	1.4	0.0	0.0	0.0	1.34
	NOT REPORTED	3.7	7.6	37.3	39.3	9.5	2.2	0.2	0.0	0.2	1.45
	STUDENT PROGRAM										
	ACADEMIC	5.0	5.4	32.3	40.6	13.7	2.4	0.4	0.1	0.1	1.56
	VOCATIONAL	9.7	15.1	34.0	35.9	4.8	0.5	0.0	0.0	0.0	1.16
	BOTH	4.6	5.5	44.4	35.4	8.5	1.3	0.0	0.1	0.1	1.39
	NEITHER	8.1	11.3	34.1	38.5	7.6	0.4	0.0	0.0	0.0	1.26

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

		CREDITS EARNED CATEGORIES									
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
SOCIAL STUDIES OTHER THAN HIST	COMMUNITY TYPE										
	BIG CITY	4.2	6.9	37.7	35.7	11.8	3.0	0.4	0.2	0.1	1.50
	URBAN FRINGE	7.2	8.7	32.3	38.4	11.5	1.6	0.2	0.0	0.2	1.44
	MEDIUM CITY	2.4	2.2	35.1	40.0	16.7	2.5	0.8	0.3	0.0	1.67
	SMALL PLACE	6.2	7.1	33.3	41.1	10.5	1.5	0.2	0.0	0.0	1.44
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	5.2	6.9	33.7	40.1	11.8	1.8	0.3	0.1	0.0	1.48
	NONPUBLIC	10.7	7.1	35.3	33.8	10.3	2.2	0.2	0.0	0.5	1.39
	REGION										
	NORTHEAST	18.2	9.7	39.9	25.0	5.4	1.5	0.1	0.0	0.2	1.11
	SOUTH CENTRAL	4.0	3.9	34.9	43.2	11.9	1.6	0.3	0.1	0.0	1.56
	NORTH CENTRAL	1.7	9.6	23.8	46.2	16.3	2.2	0.2	0.0	0.0	1.61
	WEST	0.6	5.4	39.5	39.6	11.8	2.1	0.5	0.3	0.1	1.54

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

		CREDITS EARNED CATEGORIES									
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
MATHEMATICS	ALL GRADUATES:	0.4	0.1	2.8	20.2	36.9	34.3	5.1	0.4	0.1	3.11
	GENDER										
	MALE	0.5	0.1	2.6	20.4	34.6	35.6	5.7	0.5	0.1	3.13
	FEMALE	0.2	0.0	2.9	20.0	38.9	33.0	4.5	0.3	0.1	3.08
	RACE/ETHNICITY										
	WHITE	0.2	0.1	3.1	20.8	35.6	35.2	4.7	0.3	0.0	3.10
	BLACK	1.2	0.1	2.1	18.7	40.9	31.1	4.8	1.0	0.1	3.09
	HISPANIC	0.2	0.0	2.1	19.4	42.6	30.1	5.3	0.3	0.0	3.07
	ASIAN/PACIFIC	0.0	0.2	1.3	10.8	27.1	46.0	14.0	0.6	0.0	3.50
	OTHER	0.0	0.0	3.1	26.9	33.3	31.1	4.3	1.3	0.0	3.03
	NOT REPORTED	0.2	0.0	2.1	22.9	44.1	25.3	4.5	0.6	0.3	3.01
	STUDENT PROGRAM										
	ACADEMIC	0.0	0.0	0.3	9.6	37.3	45.1	7.1	0.6	0.1	3.43
	VOCATIONAL	0.8	0.3	12.1	62.9	22.0	1.9	0.0	0.0	0.0	2.04
	BOTH	0.0	0.0	0.7	17.5	54.8	24.7	2.1	0.1	0.1	3.04
	NEITHER	2.2	0.3	11.7	52.8	29.7	3.4	0.0	0.0	0.0	2.08

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

		CREDITS EARNED CATEGORIES									
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
MATHEMATICS	COMMUNITY TYPE										
	BIG CITY	0.2	0.2	2.1	16.8	35.3	36.2	8.4	0.5	0.2	3.21
	URBAN FRINGE	0.2	0.0	1.5	16.2	37.8	39.4	4.5	0.3	0.0	3.19
	MEDIUM CITY	0.4	0.1	1.7	18.4	38.8	36.9	3.5	0.3	0.0	3.14
	SMALL PLACE	0.5	0.0	3.9	23.8	36.3	30.2	4.8	0.4	0.1	3.02
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	0.4	0.1	3.0	21.3	37.4	32.3	5.1	0.4	0.0	3.07
	NONPUBLIC	0.1	0.1	0.7	8.7	31.3	53.3	5.1	0.4	0.2	3.50
	REGION										
	NORTHEAST	0.4	0.1	3.3	18.7	29.0	40.2	7.2	0.9	0.2	3.26
	SOUTH CENTRAL	0.5	0.1	1.2	14.0	45.1	33.9	4.9	0.3	0.0	3.21
	NORTH CENTRAL	0.2	0.0	5.2	28.8	32.2	29.7	3.6	0.2	0.1	2.87
	WEST	0.4	0.1	1.5	20.3	37.6	34.6	5.2	0.3	0.0	3.08

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990
by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD		CREDITS EARNED CATEGORIES 0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
COMPUTER SCIENCE/PROG/DATA PROC	ALL GRADUATES:	48.1	24.8	19.0	6.7	1.1	0.2	0.1	0.1	0.0	0.46
	GENDER										
	MALE	48.4	23.5	19.1	7.3	1.3	0.2	0.1	0.0	0.1	0.48
	FEMALE	47.9	25.9	18.8	6.1	0.9	0.2	0.1	0.1	0.0	0.46
	RACE/ETHNICITY										
	WHITE	48.9	25.0	18.1	6.7	0.9	0.2	0.1	0.1	0.0	0.45
	BLACK	44.7	24.5	21.1	7.3	1.9	0.3	0.0	0.1	0.1	0.52
	HISPANIC	45.7	24.4	22.7	5.9	0.8	0.4	0.0	0.0	0.0	0.48
	ASIAN/PACIFIC	47.1	22.0	23.0	6.4	1.3	0.1	0.0	0.1	0.0	0.49
	OTHER	45.3	22.9	20.8	6.5	3.6	0.0	0.0	0.0	0.9	0.58
	NOT REPORTED	53.9	24.4	16.1	4.7	0.9	0.0	0.0	0.0	0.0	0.39
	STUDENT PROGRAM										
	ACADEMIC	44.7	25.3	21.2	7.4	1.1	0.3	0.0	0.1	0.0	0.50
	VOCATIONAL	62.7	22.9	9.2	3.6	1.2	0.2	0.2	0.0	0.0	0.31
	BOTH	55.1	21.9	16.8	5.4	0.7	0.2	0.0	0.0	0.0	0.38
	NEITHER	52.6	25.2	14.7	5.3	1.4	0.1	0.3	0.2	0.2	0.43

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
			CREDITS EARNED CATEGORIES								
COMPUTER SCIENCE/PROG/DATA PROC	COMMUNITY TYPE										
	BIG CITY	46.8	24.9	18.3	7.9	1.8	0.2	0.1	0.1	0.0	0.50
	URBAN FRINGE	51.0	23.0	18.7	5.9	1.2	0.3	0.0	0.0	0.0	0.44
	MEDIUM CITY	54.6	20.0	20.9	3.6	0.7	0.0	0.0	0.1	0.1	0.41
	SMALL PLACE	45.4	26.9	18.8	7.5	0.9	0.2	0.1	0.1	0.0	0.48
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	48.3	24.2	19.1	6.8	1.2	0.2	0.1	0.1	0.0	0.47
	NONPUBLIC	46.4	30.1	17.7	5.4	0.3	0.2	0.0	0.0	0.0	0.41
	REGION										
	NORTHEAST	42.9	26.5	18.8	9.5	1.7	0.4	0.1	0.0	0.0	0.53
	SOUTH CENTRAL	46.3	19.1	26.5	6.5	1.0	0.3	0.1	0.2	0.1	0.53
	NORTH CENTRAL	49.8	29.9	12.8	6.4	0.9	0.1	0.0	0.0	0.1	0.41
	WEST	54.6	25.4	14.8	4.4	0.7	0.1	0.0	0.0	0.0	0.37

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

		CREDITS EARNED CATEGORIES									
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
SCIENCE	ALL GRADUATES:	0.4	0.1	5.0	33.0	34.8	20.3	4.9	1.2	0.3	2.82
	GENDER										
	MALE	0.6	0.2	5.0	31.3	34.0	21.7	5.4	1.4	0.3	2.87
	FEMALE	0.2	0.1	5.0	34.5	35.5	19.0	4.4	1.0	0.2	2.78
	RACE/ETHNICITY										
	WHITE	0.3	0.2	5.1	31.5	34.1	21.8	5.4	1.4	0.2	2.87
	BLACK	0.9	0.1	4.4	34.5	39.2	16.2	4.0	0.5	0.2	2.73
	HISPANIC	0.6	0.1	5.3	43.3	34.1	13.6	2.4	0.3	0.2	2.55
	ASIAN/PACIFIC	0.2	0.0	3.9	26.8	35.1	25.6	6.0	1.3	1.1	3.04
	OTHER	0.0	0.5	10.2	40.5	27.7	9.1	8.3	1.4	2.2	2.72
	NOT REPORTED	0.6	0.0	4.9	40.4	34.7	17.7	0.9	0.7	0.1	2.62
	STUDENT PROGRAM										
	ACADEMIC	0.0	0.0	1.1	22.0	40.3	27.7	6.9	1.7	0.4	3.16
	VOCATIONAL	1.7	1.0	21.6	64.0	11.3	0.4	0.0	0.0	0.0	1.80
	BOTH	0.0	0.1	2.6	43.9	42.3	9.4	1.3	0.3	0.0	2.59
	NEITHER	2.0	0.5	17.8	64.3	14.2	0.9	0.2	0.0	0.0	1.86

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

		CREDITS EARNED CATEGORIES									
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
SCIENCE	COMMUNITY TYPE										
	BIG CITY	0.2	0.2	3.8	34.8	37.3	19.3	3.9	0.5	0.2	2.79
	URBAN FRINGE	0.3	0.3	5.0	30.9	35.2	21.6	5.6	0.9	0.3	2.84
	MEDIUM CITY	0.2	0.1	7.2	33.0	35.6	19.6	3.5	0.7	0.1	2.73
	SMALL PLACE	0.6	0.1	4.8	33.6	33.7	20.0	5.2	1.7	0.3	2.85
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	0.4	0.2	5.3	34.0	34.3	19.4	4.9	1.3	0.3	2.80
	NONPUBLIC	0.1	0.1	1.9	23.4	40.0	28.6	5.1	0.5	0.4	3.08
	REGION										
	NORTHEAST	0.3	0.1	3.8	22.1	32.1	28.6	10.1	2.5	0.5	3.15
	SOUTH CENTRAL	0.3	0.0	1.5	29.8	42.8	20.3	4.0	1.0	0.2	2.94
	NORTH CENTRAL	0.6	0.5	12.1	34.5	29.7	18.0	3.7	0.8	0.2	2.58
	WEST	0.3	0.0	2.7	47.9	31.0	14.6	2.6	0.6	0.3	2.60

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD		CREDITS EARNED CATEGORIES 0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
FOREIGN LANGUAGES	ALL GRADUATES:	26.9	2.6	14.4	31.0	15.3	8.2	0.9	0.3	0.2	1.62
	GENDER										
	MALE	32.7	2.8	13.9	30.2	13.3	6.1	0.6	0.2	0.2	1.43
	FEMALE	21.7	2.4	14.9	31.8	17.1	10.2	1.2	0.4	0.3	1.80
	RACE/ETHNICITY										
	WHITE	26.1	2.3	13.6	31.3	16.0	9.1	1.0	0.3	0.3	1.68
	BLACK	34.9	3.3	18.1	28.2	11.2	3.8	0.3	0.1	0.0	1.26
	HISPANIC	24.5	3.1	17.3	34.7	13.3	5.1	1.3	0.4	0.3	1.55
	ASIAN/PACIFIC	13.7	3.0	9.2	35.0	22.4	14.2	0.9	0.8	0.7	2.15
	OTHER	34.2	2.2	16.1	23.6	14.4	7.9	1.6	0.0	0.0	1.45
	NOT REPORTED	29.5	3.4	16.0	24.9	15.1	9.0	1.2	0.4	0.3	1.57
	STUDENT PROGRAM										
	ACADEMIC	15.8	1.9	13.1	36.1	19.9	11.2	1.3	0.4	0.3	1.99
	VOCATIONAL	67.6	3.5	16.8	9.8	2.0	0.3	0.0	0.0	0.0	0.44
	BOTH	47.9	3.1	17.1	24.3	5.6	1.7	0.0	0.1	0.2	0.91
	NEITHER	46.0	5.5	17.7	21.5	6.4	2.2	0.4	0.2	0.0	0.91

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
		CREDITS EARNED CATEGORIES									
FOREIGN LANGUAGES	COMMUNITY TYPE										
	BIG CITY	21.3	2.7	13.1	34.5	16.8	9.3	1.6	0.4	0.3	1.80
	URBAN FRINGE	20.2	3.2	11.7	33.7	17.6	11.5	1.2	0.4	0.5	1.88
	MEDIUM CITY	22.5	3.9	11.5	36.0	16.8	8.1	0.5	0.3	0.4	1.73
	SMALL PLACE	33.4	1.9	17.0	27.3	13.3	6.1	0.7	0.3	0.0	1.41
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	28.5	2.7	15.0	30.3	14.7	7.4	0.8	0.3	0.2	1.55
	NONPUBLIC	11.2	1.2	9.2	37.9	21.1	15.8	2.3	0.6	0.7	2.30
	REGION										
	NORTHEAST	20.4	0.2	11.6	25.6	24.2	15.0	1.9	0.6	0.5	2.11
	SOUTH CENTRAL	32.1	2.2	15.0	34.8	10.3	4.7	0.7	0.2	0.0	1.39
	NORTH CENTRAL	29.8	3.9	16.9	27.8	13.3	7.5	0.6	0.2	0.1	1.46
	WEST	21.4	4.0	13.1	34.8	17.1	7.9	0.8	0.3	0.6	1.72

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

		CREDITS EARNED CATEGORIES									
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
NON-OCC SPECIFIC VOC ED	ALL GRADUATES:	19.2	13.1	21.8	23.4	11.7	6.0	2.7	1.0	1.1	1.50
	GENDER										
	MALE	20.0	12.6	22.3	22.7	11.6	5.8	2.8	1.0	1.3	1.50
	FEMALE	18.6	13.5	21.2	24.0	11.7	6.3	2.6	1.1	0.9	1.51
	RACE/ETHNICITY										
	WHITE	20.1	13.7	21.5	22.6	11.3	5.9	2.6	1.1	1.1	1.47
	BLACK	13.2	9.4	22.5	26.2	14.9	7.0	3.9	1.5	1.5	1.80
	HISPANIC	16.4	13.3	22.3	26.3	10.9	6.8	2.0	0.6	1.4	1.52
	ASIAN/PACIFIC	26.8	14.0	24.3	21.7	8.5	3.6	1.0	0.1	0.0	1.11
	OTHER	22.5	12.2	18.4	21.3	9.2	12.1	4.4	0.0	0.0	1.54
	NOT REPORTED	23.5	13.6	21.0	22.5	11.9	4.2	1.9	0.6	0.7	1.31
	STUDENT PROGRAM										
	ACADEMIC	24.0	14.9	23.8	21.4	8.9	4.3	1.5	0.5	0.6	1.24
	VOCATIONAL	6.5	5.3	17.1	28.5	21.2	11.0	5.9	3.2	1.3	2.25
	BOTH	12.0	11.4	23.1	27.9	14.5	8.1	2.0	0.8	0.4	1.65
	NEITHER	6.9	9.2	13.0	27.5	18.7	10.9	7.4	2.5	3.9	2.36

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD		CREDITS EARNED CATEGORIES									
		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
NON-OCC SPECIFIC VOC ED	COMMUNITY TYPE										
	BIG CITY	25.0	16.2	22.2	22.0	8.9	3.4	1.0	0.7	0.6	1.18
	URBAN FRINGE	21.0	17.1	22.2	23.2	9.8	3.9	1.9	0.5	0.4	1.25
	MEDIUM CITY	20.0	12.7	25.0	23.4	9.6	5.5	1.5	1.0	1.2	1.41
	SMALL PLACE	16.3	10.0	20.6	23.9	14.0	8.1	3.9	1.5	1.6	1.76
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	17.0	12.6	21.8	24.3	12.5	6.6	2.9	1.1	1.2	1.58
	NONPUBLIC	40.5	18.3	21.6	14.4	3.7	1.0	0.4	0.1	0.0	0.72
	REGION										
	NORTHEAST	31.0	15.1	19.4	17.2	8.0	5.1	1.9	1.0	1.2	1.23
	SOUTH CENTRAL	17.6	9.5	24.1	23.8	12.2	6.9	3.2	1.2	1.4	1.65
	NORTH CENTRAL	12.3	13.9	20.0	26.1	14.9	7.0	3.6	1.1	1.0	1.69
	WEST	18.7	15.7	22.8	25.5	10.5	4.3	1.4	0.6	0.5	1.31

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD		CREDITS EARNED CATEGORIES 0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
OCC SPECIFIC VOC ED	ALL GRADUATES:	30.7	9.4	15.6	15.3	10.3	6.8	4.2	3.5	4.1	1.75
	GENDER										
	MALE	29.3	9.4	16.0	15.0	10.9	6.7	4.4	3.4	5.0	1.83
	FEMALE	32.0	9.5	15.3	15.6	9.8	6.9	4.1	3.6	3.2	1.67
	RACE/ETHNICITY										
	WHITE	30.9	9.2	15.4	14.9	9.9	6.8	4.5	3.6	4.8	1.80
	BLACK	28.0	9.2	16.6	15.6	12.3	8.4	4.1	3.6	2.2	1.72
	HISPANIC	27.7	11.4	15.1	18.1	10.8	6.9	3.8	3.2	3.0	1.67
	ASIAN/PACIFIC	42.0	12.0	15.6	17.0	7.7	3.2	1.2	1.2	0.2	1.00
	OTHER	23.7	9.6	18.5	13.6	19.7	6.8	2.5	3.4	2.2	1.75
	NOT REPORTED	34.7	8.9	16.9	14.6	9.5	5.2	4.1	4.0	2.1	1.53
	STUDENT PROGRAM										
	ACADEMIC	40.5	11.9	19.3	17.5	7.2	2.7	0.7	0.2	0.0	0.90
	VOCATIONAL	0.0	0.0	0.0	0.0	7.9	18.3	18.9	21.4	33.5	5.78
	BOTH	0.0	0.0	0.0	0.0	23.0	26.2	19.5	16.9	14.4	4.69
	NEITHER	19.7	9.2	16.9	23.9	18.2	7.6	3.2	0.8	0.5	1.65

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD		CREDITS EARNED CATEGORIES 0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
OCC SPECIFIC VOC ED	COMMUNITY TYPE										
	BIG CITY	34.4	12.0	14.9	15.3	9.2	6.4	3.0	2.3	2.4	1.44
	URBAN FRINGE	31.7	12.1	16.0	17.4	10.2	5.8	2.8	1.9	2.0	1.44
	MEDIUM CITY	35.5	9.0	18.3	13.6	7.0	4.8	3.8	4.3	3.8	1.59
	SMALL PLACE	27.8	7.4	15.0	14.6	11.4	8.0	5.5	4.6	5.7	2.05
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	28.6	9.5	15.1	15.6	10.9	7.4	4.6	3.9	4.4	1.85
	NONPUBLIC	50.7	8.9	21.2	12.3	4.7	1.1	0.6	0.3	0.2	0.72
	REGION										
	NORTHEAST	36.0	7.7	16.2	13.3	9.6	6.1	3.6	3.2	4.3	1.65
	SOUTH CENTRAL	30.2	8.1	16.0	12.7	9.9	8.1	5.1	4.9	5.0	1.94
	NORTH CENTRAL	23.8	9.9	14.8	18.8	12.1	7.3	5.0	3.6	4.8	1.97
	WEST	35.3	13.0	15.6	17.2	9.1	4.9	2.4	1.4	1.1	1.22

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD		CREDITS EARNED CATEGORIES									
		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
VISUAL AND PERFORMING ARTS	ALL GRADUATES:	25.4	10.7	20.9	18.7	9.6	7.8	3.7	1.7	1.5	1.53
	GENDER										
	MALE	29.7	12.1	22.3	17.4	7.7	5.8	2.4	1.3	1.2	1.30
	FEMALE	21.6	9.4	19.6	19.8	11.2	9.6	4.9	2.1	1.8	1.75
	RACE/ETHNICITY										
	WHITE	25.5	10.8	19.8	18.1	9.6	8.6	4.0	1.9	1.8	1.59
	BLACK	27.1	10.7	22.8	20.5	8.8	5.2	3.1	1.0	0.8	1.34
	HISPANIC	20.5	11.8	25.1	21.0	10.5	5.7	3.0	1.5	0.9	1.48
	ASIAN/PACIFIC	28.0	8.1	25.3	19.6	9.9	4.9	2.6	1.1	0.3	1.31
	OTHER	40.4	11.7	20.5	11.7	8.2	4.3	1.4	0.9	0.9	1.01
	NOT REPORTED	22.6	10.0	24.2	19.2	9.0	9.0	3.4	1.7	1.1	1.57
	STUDENT PROGRAM										
	ACADEMIC	23.6	10.0	20.9	19.1	10.0	8.7	4.2	1.8	1.6	1.63
	VOCATIONAL	40.0	11.0	22.9	15.5	5.2	3.3	1.5	0.5	0.2	0.93
	BOTH	35.9	14.1	24.3	16.6	5.9	2.4	0.6	0.3	0.0	0.90
	NEITHER	18.6	11.7	17.7	19.7	12.5	9.3	4.8	3.0	2.8	1.87

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990
by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD		CREDITS EARNED CATEGORIES 0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
VISUAL AND PERFORMING ARTS	COMMUNITY TYPE										
	BIG CITY	20.3	12.5	23.5	21.4	10.0	6.2	3.2	1.4	1.6	1.52
	URBAN FRINGE	24.4	12.8	21.3	18.8	9.3	7.5	3.4	1.6	1.0	1.47
	MEDIUM CITY	26.3	9.4	18.9	18.2	10.4	7.6	5.4	1.9	1.9	1.66
	SMALL PLACE	27.3	9.4	20.5	17.9	9.4	8.4	3.6	1.9	1.6	1.54
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	25.5	10.3	20.8	18.7	9.6	8.0	3.8	1.8	1.6	1.56
	NONPUBLIC	24.3	15.2	22.6	18.9	9.2	6.0	2.2	1.0	0.6	1.29
	REGION										
	NORTHEAST	21.1	14.5	21.8	19.5	8.8	7.6	3.6	1.4	1.6	1.52
	SOUTH CENTRAL	30.4	8.9	22.9	16.3	8.5	7.3	3.3	1.4	1.0	1.39
	NORTH CENTRAL	25.9	11.3	16.9	18.3	10.2	9.3	4.3	2.0	1.7	1.63
	WEST	21.0	8.9	22.1	22.3	11.2	6.6	3.7	2.3	2.0	1.67

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

		CREDITS EARNED CATEGORIES									
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
PHYSICAL ED,HEALTH, & SPORTS	ALL GRADUATES:	2.8	4.7	16.7	36.8	24.6	11.3	2.7	0.2	0.1	2.01
	GENDER										
	MALE	3.0	3.7	14.4	32.4	27.2	14.7	4.2	0.4	0.1	2.18
	FEMALE	2.7	5.6	18.9	40.9	22.2	8.3	1.2	0.1	0.1	1.85
	RACE/ETHNICITY										
	WHITE	2.9	4.0	18.2	37.5	24.1	10.8	2.2	0.2	0.1	1.97
	BLACK	2.7	8.0	15.5	34.8	20.5	13.5	4.4	0.5	0.2	2.06
	HISPANIC	1.5	4.9	10.6	33.3	30.6	15.1	3.5	0.5	0.2	2.27
	ASIAN/PACIFIC	2.9	2.6	9.2	40.1	30.5	11.0	3.5	0.2	0.0	2.15
	OTHER	1.0	6.1	15.5	38.9	26.0	9.7	2.7	0.0	0.0	2.04
	NOT REPORTED	4.3	7.5	14.0	35.0	29.8	7.2	1.9	0.2	0.0	1.90
	STUDENT PROGRAM										
	ACADEMIC	3.3	5.1	16.7	34.4	25.4	11.8	3.0	0.2	0.1	2.02
	VOCATIONAL	1.8	2.6	19.0	46.5	18.7	9.9	1.1	0.3	0.1	1.88
	BOTH	1.7	5.7	12.1	46.2	25.4	7.3	1.6	0.1	0.1	1.95
	NEITHER	1.8	2.9	19.2	37.0	23.2	12.6	2.6	0.4	0.4	2.07

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

		CREDITS EARNED CATEGORIES									
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
PHYSICAL ED,HEALTH, & SPORTS	COMMUNITY TYPE										
	BIG CITY	2.9	7.1	12.6	44.4	25.1	5.2	2.6	0.1	0.1	1.87
	URBAN FRINGE	2.5	1.9	12.8	28.1	30.8	19.6	3.7	0.5	0.1	2.33
	MEDIUM CITY	0.7	3.2	27.9	34.4	15.7	15.4	2.4	0.2	0.1	1.95
	SMALL PLACE	3.5	5.9	17.4	39.9	23.2	7.7	2.2	0.2	0.1	1.88
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	1.4	4.6	15.6	37.4	25.8	11.9	2.9	0.3	0.1	2.07
	NONPUBLIC	16.7	5.3	27.7	31.5	12.1	6.3	0.4	0.0	0.0	1.39
	REGION										
	NORTHEAST	5.2	5.8	9.1	26.5	34.8	17.6	0.9	0.1	0.2	2.11
	SOUTH CENTRAL	2.7	6.7	14.8	44.0	19.0	8.4	4.0	0.2	0.1	1.99
	NORTH CENTRAL	2.3	3.3	32.4	39.9	15.1	6.6	0.4	0.0	0.1	1.62
	WEST	1.2	2.0	7.0	31.6	35.9	16.2	5.3	0.7	0.1	2.44

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

		CREDITS EARNED CATEGORIES									
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
ALL COURSES OTHER THAN ABOVE	ALL GRADUATES:	24.1	26.6	14.1	16.9	7.9	4.9	3.1	1.1	1.2	1.24
	GENDER										
	MALE	26.0	28.4	13.6	15.4	6.9	4.4	3.0	1.1	1.3	1.17
	FEMALE	22.3	24.9	14.6	18.2	8.9	5.4	3.3	1.2	1.2	1.31
	RACE/ETHNICITY										
	WHITE	24.3	27.3	14.6	16.3	7.7	4.7	3.1	1.1	0.9	1.20
	BLACK	28.4	24.5	12.8	15.6	6.9	5.5	3.3	0.6	2.4	1.30
	HISPANIC	20.0	21.2	13.5	21.9	11.4	6.0	2.6	1.3	2.1	1.44
	ASIAN/PACIFIC	14.5	28.4	13.6	23.6	10.2	5.9	2.7	0.9	0.3	1.33
	OTHER	17.4	30.4	10.0	14.6	7.1	8.2	7.6	3.1	1.5	1.61
	NOT REPORTED	23.5	28.9	12.4	15.3	8.1	3.3	3.6	2.9	2.0	1.31
	STUDENT PROGRAM										
	ACADEMIC	23.2	26.4	14.0	17.5	8.5	5.3	3.4	1.1	0.7	1.23
	VOCATIONAL	29.7	29.3	17.3	13.3	5.0	2.1	1.6	0.8	1.0	0.93
	BOTH	34.2	30.5	13.6	13.8	4.2	2.5	0.7	0.4	0.1	0.75
	NEITHER	18.3	23.2	13.2	17.8	9.8	6.5	4.2	2.1	5.1	1.86

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

			CREDITS EARNED CATEGORIES								
SUBJECT FIELD		0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
ALL COURSES OTHER THAN ABOVE	COMMUNITY TYPE										
	BIG CITY	20.8	16.4	12.6	18.8	11.4	10.5	5.3	1.7	2.5	1.76
	URBAN FRINGE	18.4	25.9	16.5	20.0	9.1	4.5	3.1	1.2	1.2	1.32
	MEDIUM CITY	27.6	24.0	12.6	12.7	6.3	7.3	5.0	2.3	2.2	1.43
	SMALL PLACE	27.3	30.6	13.6	15.6	6.7	2.9	2.0	0.6	0.7	1.00
	PUBLIC/NONPUBLIC SCHOOL										
	PUBLIC	25.5	28.7	15.0	17.7	7.2	3.0	1.4	0.5	0.9	1.04
	NONPUBLIC	10.3	6.3	5.8	8.5	15.0	23.3	19.5	7.2	4.2	3.15
	REGION										
	NORTHEAST	23.8	32.0	13.3	14.7	6.0	6.1	2.4	0.6	1.1	1.09
	SOUTH CENTRAL	32.3	27.4	13.0	13.6	5.9	3.1	2.7	0.9	1.0	1.04
	NORTH CENTRAL	24.0	28.0	14.9	14.3	7.8	4.5	4.0	1.3	1.3	1.26
	WEST	10.8	17.4	15.8	28.3	13.6	7.2	3.4	1.8	1.8	1.71

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ENGLISH	ALL GRADUATES:	MEAN	4.09	4.03	3.80
		S.E.	0.04	0.02	0.03
	GENDER				
	MALE	MEAN	4.06	4.01	3.76
		S.E.	0.04	0.02	0.03
	FEMALE	MEAN	4.12	4.05	3.84
		S.E.	0.04	0.02	0.03
	RACE/ETHNICITY				
	WHITE	MEAN	4.03	3.99	3.78
		S.E.	0.04	0.02	0.03
	BLACK	MEAN	4.17	4.14	3.90
		S.E.	0.05	0.05	0.06
	HISPANIC	MEAN	4.43	4.23	3.79
		S.E.	0.13	0.05	0.04
	ASIAN/PACIFIC	MEAN	4.42	4.31	3.94
		S.E.	0.13	0.06	0.09
	OTHER	MEAN	4.25	4.20	3.84
		S.E.	0.13	0.03	0.10
	NOT REPORTED	MEAN	3.91	3.96	.
		S.E.	0.09	0.05	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD				1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ENGLISH	STUDENT PROGRAM					
		ACADEMIC	MEAN	4.27	4.24	4.17
			S.E.	0.04	0.02	0.03
		VOCATIONAL	MEAN	3.54	3.61	3.48
			S.E.	0.05	0.03	0.03
		BOTH	MEAN	4.13	4.22	4.41
			S.E.	0.03	0.04	0.10
		NEITHER	MEAN	3.45	3.57	3.44
			S.E.	0.08	0.04	0.04
	COMMUNITY TYPE					
		BIG CITY	MEAN	4.35	4.16	.
			S.E.	0.13	0.06	.
		URBAN FRINGE	MEAN	4.10	4.01	.
			S.E.	0.06	0.04	.
		MEDIUM CITY	MEAN	4.10	3.98	.
			S.E.	0.05	0.03	.
		SMALL PLACE	MEAN	4.01	4.02	.
			S.E.	0.05	0.03	.
		URBAN	MEAN	.	.	3.80
			S.E.	.	.	0.08
		SUBURBAN	MEAN	.	.	3.81
			S.E.	.	.	0.04
		RURAL	MEAN	.	.	3.79
			S.E.	.	.	0.04

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987
by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD				1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ENGLISH	PUBLIC/NONPUBLIC SCHOOL					
		PUBLIC	MEAN	4.06	4.01	3.77
			S.E.	0.04	0.02	0.03
		NONPUBLIC	MEAN	4.38	4.25	4.10
			S.E.	0.08	0.07	0.09
	REGION					
		NORTHEAST	MEAN	4.16	4.12	3.91
			S.E.	0.08	0.05	0.06
		SOUTH CENTRAL	MEAN	4.19	4.10	3.92
			S.E.	0.02	0.03	0.03
		NORTH CENTRAL	MEAN	3.86	3.87	3.63
			S.E.	0.09	0.04	0.04
		WEST	MEAN	4.16	4.07	3.73
			S.E.	0.11	0.03	0.05

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
HISTORY	ALL GRADUATES:	MEAN	1.99	1.90	1.68
		S.E.	0.03	0.02	0.02
	GENDER				
	MALE	MEAN	2.00	1.92	1.68
		S.E.	0.04	0.03	0.02
	FEMALE	MEAN	1.97	1.88	1.69
		S.E.	0.04	0.02	0.03
	RACE/ETHNICITY				
	WHITE	MEAN	1.96	1.88	1.70
		S.E.	0.04	0.03	0.02
	BLACK	MEAN	1.99	1.88	1.64
		S.E.	0.07	0.06	0.04
	HISPANIC	MEAN	2.01	1.78	1.58
		S.E.	0.06	0.04	0.02
	ASIAN/PACIFIC	MEAN	2.19	1.97	1.67
		S.E.	0.16	0.07	0.08
	OTHER	MEAN	2.06	1.99	1.76
		S.E.	0.09	0.04	0.07
	NOT REPORTED	MEAN	2.26	2.18	.
		S.E.	0.15	0.14	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
HISTORY	STUDENT PROGRAM				
	ACADEMIC	MEAN	2.11	2.04	1.90
		S.E.	0.04	0.03	0.02
	VOCATIONAL	MEAN	1.52	1.65	1.50
		S.E.	0.06	0.04	0.03
	BOTH	MEAN	2.01	1.97	2.03
		S.E.	0.05	0.04	0.10
	NEITHER	MEAN	1.63	1.60	1.46
		S.E.	0.04	0.03	0.02
	COMMUNITY TYPE				
	BIG CITY	MEAN	2.13	2.07	.
		S.E.	0.09	0.09	.
	URBAN FRINGE	MEAN	2.09	1.95	.
		S.E.	0.08	0.05	.
	MEDIUM CITY	MEAN	1.82	1.88	.
		S.E.	0.07	0.09	.
	SMALL PLACE	MEAN	1.93	1.82	.
		S.E.	0.07	0.06	.
	URBAN	MEAN	.	.	1.66
		S.E.	.	.	0.05
	SUBURBAN	MEAN	.	.	1.71
		S.E.	.	.	0.02
	RURAL	MEAN	.	.	1.64
		S.E.	.	.	0.04

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
HISTORY	PUBLIC/NONPUBLIC SCHOOL				
	PUBLIC	MEAN	1.95	1.87	1.65
		S.E.	0.04	0.02	0.02
	NONPUBLIC	MEAN	2.31	2.19	1.92
		S.E.	0.08	0.10	0.07
	REGION				
	NORTHEAST	MEAN	2.50	2.37	1.98
		S.E.	0.09	0.06	0.05
	SOUTH CENTRAL	MEAN	1.85	1.83	1.64
		S.E.	0.05	0.03	0.03
	NORTH CENTRAL	MEAN	1.72	1.62	1.56
		S.E.	0.06	0.04	0.02
	WEST	MEAN	2.02	1.89	1.56
		S.E.	0.07	0.05	0.05

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987
by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
SOCIAL STUDIES OTHER THAN HIST	ALL GRADUATES:	MEAN	1.48	1.43	1.42
		S.E.	0.03	0.05	0.02
	GENDER				
	MALE	MEAN	1.43	1.39	1.41
		S.E.	0.03	0.05	0.02
	FEMALE	MEAN	1.51	1.47	1.43
		S.E.	0.03	0.05	0.03
	RACE/ETHNICITY				
	WHITE	MEAN	1.49	1.42	1.45
		S.E.	0.03	0.05	0.02
	BLACK	MEAN	1.44	1.43	1.33
		S.E.	0.06	0.05	0.05
	HISPANIC	MEAN	1.44	1.45	1.36
		S.E.	0.07	0.10	0.03
	ASIAN/PACIFIC	MEAN	1.51	1.67	1.37
		S.E.	0.09	0.19	0.07
	OTHER	MEAN	1.34	1.26	1.31
		S.E.	0.07	0.06	0.08
	NOT REPORTED	MEAN	1.45	1.41	.
		S.E.	0.07	0.23	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987
by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
SOCIAL STUDIES OTHER THAN HIST	STUDENT PROGRAM				
	ACADEMIC	MEAN	1.56	1.58	1.62
		S.E.	0.03	0.05	0.03
	VOCATIONAL	MEAN	1.16	1.08	1.19
		S.E.	0.06	0.06	0.03
	BOTH	MEAN	1.39	1.50	1.71
		S.E.	0.05	0.05	0.08
	NEITHER	MEAN	1.26	1.16	1.25
		S.E.	0.04	0.04	0.03
	COMMUNITY TYPE				
	BIG CITY	MEAN	1.50	1.44	.
		S.E.	0.08	0.11	.
	URBAN FRINGE	MEAN	1.44	1.42	.
		S.E.	0.07	0.07	.
	MEDIUM CITY	MEAN	1.67	1.38	.
		S.E.	0.09	0.10	.
	SMALL PLACE	MEAN	1.44	1.45	.
		S.E.	0.05	0.09	.
	URBAN	MEAN	.	.	1.32
		S.E.	.	.	0.05
	SUBURBAN	MEAN	.	.	1.45
		S.E.	.	.	0.03
	RURAL	MEAN	.	.	1.44
		S.E.	.	.	0.04

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD				1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
SOCIAL STUDIES OTHER THAN HIST	PUBLIC/NONPUBLIC SCHOOL					
		PUBLIC	MEAN	1.48	1.44	1.40
			S.E.	0.03	0.05	0.02
		NONPUBLIC	MEAN	1.39	1.34	1.60
			S.E.	0.09	0.12	0.09
	REGION					
		NORTHEAST	MEAN	1.11	1.19	1.25
			S.E.	0.06	0.12	0.05
		SOUTH CENTRAL	MEAN	1.56	1.47	1.35
			S.E.	0.05	0.06	0.04
		NORTH CENTRAL	MEAN	1.61	1.54	1.53
			S.E.	0.06	0.08	0.04
		WEST	MEAN	1.54	1.47	1.60
			S.E.	0.07	0.09	0.05

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
MATHEMATICS	ALL GRADUATES:	MEAN	3.11	2.97	2.54
		S.E.	0.03	0.03	0.02
	GENDER				
	MALE	MEAN	3.13	3.03	2.61
		S.E.	0.03	0.03	0.04
	FEMALE	MEAN	3.08	2.92	2.46
		S.E.	0.03	0.03	0.03
	RACE/ETHNICITY				
	WHITE	MEAN	3.10	2.98	2.59
		S.E.	0.04	0.04	0.02
	BLACK	MEAN	3.09	2.90	2.44
		S.E.	0.07	0.06	0.05
	HISPANIC	MEAN	3.07	2.77	2.22
		S.E.	0.06	0.05	0.04
	ASIAN/PACIFIC	MEAN	3.50	3.72	3.11
		S.E.	0.06	0.09	0.09
	OTHER	MEAN	3.03	2.96	2.21
		S.E.	0.11	0.10	0.10
	NOT REPORTED	MEAN	3.01	2.95	.
		S.E.	0.05	0.07	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD				1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
MATHEMATICS	STUDENT PROGRAM					
		ACADEMIC	MEAN	3.43	3.46	3.34
			S.E.	0.02	0.02	0.02
		VOCATIONAL	MEAN	2.04	1.99	1.74
			S.E.	0.04	0.03	0.02
		BOTH	MEAN	3.04	3.00	2.99
			S.E.	0.03	0.03	0.14
		NEITHER	MEAN	2.08	2.07	1.91
			S.E.	0.06	0.03	0.03
	COMMUNITY TYPE					
		BIG CITY	MEAN	3.21	3.01	.
			S.E.	0.05	0.06	.
		URBAN FRINGE	MEAN	3.19	3.09	.
			S.E.	0.04	0.05	.
		MEDIUM CITY	MEAN	3.14	2.99	.
			S.E.	0.05	0.06	.
		SMALL PLACE	MEAN	3.02	2.87	.
			S.E.	0.05	0.05	.
		URBAN	MEAN	.	.	2.55
			S.E.	.	.	0.06
		SUBURBAN	MEAN	.	.	2.64
			S.E.	.	.	0.03
		RURAL	MEAN	.	.	2.36
			S.E.	.	.	0.04

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
MATHEMATICS	PUBLIC/NONPUBLIC SCHOOL				
	PUBLIC	MEAN	3.07	2.92	2.46
		S.E.	0.03	0.03	0.02
	NONPUBLIC	MEAN	3.50	3.44	3.16
		S.E.	0.04	0.06	0.10
	REGION				
	NORTHEAST	MEAN	3.26	3.22	2.75
		S.E.	0.04	0.08	0.06
	SOUTH CENTRAL	MEAN	3.21	2.99	2.53
		S.E.	0.04	0.04	0.04
	NORTH CENTRAL	MEAN	2.87	2.75	2.42
		S.E.	0.09	0.07	0.04
	WEST	MEAN	3.08	2.99	2.45
		S.E.	0.04	0.04	0.04

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
COMPUTER SCIENCE/PROG/DATA PROC	ALL GRADUATES:	MEAN	0.46	0.43	0.11
		S.E.	0.02	0.02	0.01
	GENDER				
	MALE	MEAN	0.48	0.47	0.13
		S.E.	0.02	0.02	0.01
	FEMALE	MEAN	0.46	0.40	0.10
		S.E.	0.02	0.02	0.01
	RACE/ETHNICITY				
	WHITE	MEAN	0.45	0.45	0.12
		S.E.	0.02	0.02	0.01
	BLACK	MEAN	0.52	0.35	0.10
		S.E.	0.05	0.02	0.01
	HISPANIC	MEAN	0.48	0.36	0.07
		S.E.	0.04	0.02	0.01
	ASIAN/PACIFIC	MEAN	0.49	0.57	0.19
		S.E.	0.03	0.04	0.05
	OTHER	MEAN	0.58	0.35	0.05
		S.E.	0.09	0.04	0.02
	NOT REPORTED	MEAN	0.39	0.41	.
		S.E.	0.05	0.04	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD				1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
COMPUTER SCIENCE/PROG/DATA PROC	STUDENT PROGRAM					
		ACADEMIC	MEAN	0.50	0.50	0.15
			S.E.	0.02	0.02	0.01
		VOCATIONAL	MEAN	0.31	0.24	0.06
			S.E.	0.03	0.02	0.01
		BOTH	MEAN	0.38	0.34	0.12
			S.E.	0.02	0.03	0.05
		NEITHER	MEAN	0.43	0.40	0.09
			S.E.	0.03	0.03	0.01
	COMMUNITY TYPE					
		BIG CITY	MEAN	0.50	0.36	.
			S.E.	0.05	0.02	.
		URBAN FRINGE	MEAN	0.44	0.45	.
			S.E.	0.04	0.03	.
		MEDIUM CITY	MEAN	0.41	0.43	.
			S.E.	0.05	0.03	.
		SMALL PLACE	MEAN	0.48	0.44	.
			S.E.	0.03	0.04	.
		URBAN	MEAN	.	.	0.12
			S.E.	.	.	0.02
		SUBURBAN	MEAN	.	.	0.13
			S.E.	.	.	0.01
		RURAL	MEAN	.	.	0.08
			S.E.	.	.	0.01

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD				1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
COMPUTER SCIENCE/PROG/DATA PROC	PUBLIC/NONPUBLIC SCHOOL					
		PUBLIC	MEAN	0.47	0.43	0.11
			S.E.	0.02	0.02	0.01
		NONPUBLIC	MEAN	0.41	0.44	0.08
			S.E.	0.03	0.06	0.02
	REGION					
		NORTHEAST	MEAN	0.53	0.49	0.15
			S.E.	0.04	0.04	0.01
		SOUTH CENTRAL	MEAN	0.53	0.40	0.07
			S.E.	0.03	0.03	0.01
		NORTH CENTRAL	MEAN	0.41	0.46	0.14
			S.E.	0.05	0.03	0.02
		WEST	MEAN	0.37	0.37	0.09
			S.E.	0.02	0.02	0.01

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
SCIENCE	ALL GRADUATES:	MEAN	2.82	2.59	2.19
		S.E.	0.03	0.05	0.02
	GENDER				
	MALE	MEAN	2.87	2.66	2.25
		S.E.	0.03	0.05	0.03
	FEMALE	MEAN	2.78	2.53	2.13
		S.E.	0.02	0.05	0.02
	RACE/ETHNICITY				
	WHITE	MEAN	2.87	2.64	2.27
		S.E.	0.03	0.06	0.02
	BLACK	MEAN	2.73	2.39	1.99
		S.E.	0.07	0.07	0.06
	HISPANIC	MEAN	2.55	2.33	1.79
		S.E.	0.04	0.06	0.03
	ASIAN/PACIFIC	MEAN	3.04	3.17	2.56
		S.E.	0.11	0.11	0.08
	OTHER	MEAN	2.72	2.51	2.02
		S.E.	0.14	0.07	0.10
	NOT REPORTED	MEAN	2.62	2.51	.
		S.E.	0.05	0.06	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
SCIENCE	STUDENT PROGRAM				
	ACADEMIC	MEAN	3.16	3.10	3.01
		S.E.	0.03	0.04	0.02
	VOCATIONAL	MEAN	1.80	1.65	1.43
		S.E.	0.05	0.05	0.03
	BOTH	MEAN	2.59	2.46	2.58
		S.E.	0.05	0.06	0.08
	NEITHER	MEAN	1.86	1.68	1.53
		S.E.	0.03	0.05	0.03
	COMMUNITY TYPE				
	BIG CITY	MEAN	2.79	2.57	.
		S.E.	0.08	0.08	.
	URBAN FRINGE	MEAN	2.84	2.58	.
		S.E.	0.04	0.07	.
	MEDIUM CITY	MEAN	2.73	2.52	.
		S.E.	0.07	0.09	.
	SMALL PLACE	MEAN	2.85	2.63	.
		S.E.	0.05	0.07	.
	URBAN	MEAN	.	.	2.12
		S.E.	.	.	0.05
	SUBURBAN	MEAN	.	.	2.22
		S.E.	.	.	0.04
	RURAL	MEAN	.	.	2.17
		S.E.	.	.	0.03

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
SCIENCE	PUBLIC/NONPUBLIC SCHOOL				
	PUBLIC	MEAN	2.80	2.57	2.14
		S.E.	0.03	0.05	0.02
	NONPUBLIC	MEAN	3.08	2.81	2.57
		S.E.	0.06	0.07	0.08
	REGION				
	NORTHEAST	MEAN	3.15	2.95	2.55
		S.E.	0.04	0.13	0.06
	SOUTH CENTRAL	MEAN	2.94	2.61	2.19
		S.E.	0.05	0.04	0.02
	NORTH CENTRAL	MEAN	2.58	2.37	2.05
		S.E.	0.06	0.11	0.04
	WEST	MEAN	2.60	2.47	1.91
		S.E.	0.04	0.07	0.05

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
FOREIGN LANGUAGES	ALL GRADUATES:	MEAN	1.62	1.46	1.05
		S.E.	0.04	0.05	0.03
	GENDER				
	MALE	MEAN	1.43	1.29	0.86
		S.E.	0.04	0.05	0.04
	FEMALE	MEAN	1.80	1.63	1.23
		S.E.	0.04	0.06	0.03
	RACE/ETHNICITY				
	WHITE	MEAN	1.68	1.50	1.13
		S.E.	0.05	0.06	0.03
	BLACK	MEAN	1.26	1.12	0.73
		S.E.	0.07	0.07	0.06
	HISPANIC	MEAN	1.55	1.27	0.78
		S.E.	0.06	0.06	0.03
	ASIAN/PACIFIC	MEAN	2.15	2.17	1.81
		S.E.	0.13	0.12	0.10
	OTHER	MEAN	1.45	0.92	0.82
		S.E.	0.15	0.17	0.13
	NOT REPORTED	MEAN	1.57	1.67	.
		S.E.	0.10	0.13	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD				1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
FOREIGN LANGUAGES	STUDENT PROGRAM					
		ACADEMIC	MEAN	1.99	1.95	1.71
			S.E.	0.04	0.06	0.04
		VOCATIONAL	MEAN	0.44	0.49	0.35
			S.E.	0.04	0.03	0.02
		BOTH	MEAN	0.91	0.83	0.55
			S.E.	0.05	0.06	0.04
		NEITHER	MEAN	0.91	0.89	0.70
			S.E.	0.04	0.05	0.02
	COMMUNITY TYPE					
		BIG CITY	MEAN	1.80	1.72	.
			S.E.	0.08	0.12	.
		URBAN FRINGE	MEAN	1.88	1.66	.
			S.E.	0.08	0.06	.
		MEDIUM CITY	MEAN	1.73	1.58	.
			S.E.	0.09	0.14	.
		SMALL PLACE	MEAN	1.41	1.21	.
			S.E.	0.07	0.08	.
		URBAN	MEAN	.	.	1.10
			S.E.	.	.	0.07
		SUBURBAN	MEAN	.	.	1.20
			S.E.	.	.	0.04
		RURAL	MEAN	.	.	0.77
			S.E.	.	.	0.04

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
FOREIGN LANGUAGES	PUBLIC/NONPUBLIC SCHOOL				
	PUBLIC	MEAN	1.55	1.37	0.94
		S.E.	0.04	0.05	0.02
	NONPUBLIC	MEAN	2.30	2.37	1.95
		S.E.	0.08	0.16	0.13
	REGION				
	NORTHEAST	MEAN	2.11	2.15	1.64
		S.E.	0.06	0.13	0.08
	SOUTH CENTRAL	MEAN	1.39	1.19	0.77
		S.E.	0.06	0.07	0.05
	NORTH CENTRAL	MEAN	1.46	1.24	0.86
		S.E.	0.10	0.08	0.03
	WEST	MEAN	1.72	1.44	1.11
		S.E.	0.08	0.08	0.06

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
NON-OCC SPECIFIC VOC ED	ALL GRADUATES:	MEAN	1.50	1.64	1.84
		S.E.	0.04	0.05	0.03
	GENDER				
	MALE	MEAN	1.50	1.61	1.75
		S.E.	0.04	0.05	0.05
	FEMALE	MEAN	1.51	1.67	1.93
		S.E.	0.04	0.06	0.03
	RACE/ETHNICITY				
	WHITE	MEAN	1.47	1.66	1.78
		S.E.	0.04	0.07	0.04
	BLACK	MEAN	1.80	1.83	1.96
		S.E.	0.10	0.05	0.05
	HISPANIC	MEAN	1.52	1.64	2.17
		S.E.	0.08	0.04	0.06
	ASIAN/PACIFIC	MEAN	1.11	1.01	1.37
		S.E.	0.13	0.11	0.10
	OTHER	MEAN	1.54	1.90	1.96
		S.E.	0.14	0.07	0.12
	NOT REPORTED	MEAN	1.31	1.36	.
		S.E.	0.17	0.09	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD				1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
NON-OCC SPECIFIC VOC ED	STUDENT PROGRAM					
		ACADEMIC	MEAN	1.24	1.29	1.28
			S.E.	0.03	0.06	0.03
		VOCATIONAL	MEAN	2.25	2.22	2.13
			S.E.	0.06	0.07	0.05
		BOTH	MEAN	1.65	1.67	1.95
			S.E.	0.05	0.06	0.10
		NEITHER	MEAN	2.36	2.35	2.34
			S.E.	0.13	0.10	0.05
	COMMUNITY TYPE					
		BIG CITY	MEAN	1.18	1.32	.
			S.E.	0.07	0.07	.
		URBAN FRINGE	MEAN	1.25	1.44	.
			S.E.	0.05	0.06	.
		MEDIUM CITY	MEAN	1.41	1.49	.
			S.E.	0.10	0.10	.
		SMALL PLACE	MEAN	1.76	1.94	.
			S.E.	0.06	0.10	.
		URBAN	MEAN	.	.	1.61
			S.E.	.	.	0.08
		SUBURBAN	MEAN	.	.	1.72
			S.E.	.	.	0.05
		RURAL	MEAN	.	.	2.18
			S.E.	.	.	0.06

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD				1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
NON-OCC SPECIFIC VOC ED	PUBLIC/NONPUBLIC SCHOOL					
		PUBLIC	MEAN	1.58	1.74	1.94
			S.E.	0.04	0.05	0.03
		NONPUBLIC	MEAN	0.72	0.73	1.03
			S.E.	0.07	0.14	0.09
	REGION					
		NORTHEAST	MEAN	1.23	1.24	1.51
			S.E.	0.09	0.08	0.06
		SOUTH CENTRAL	MEAN	1.65	1.75	1.91
			S.E.	0.07	0.09	0.06
		NORTH CENTRAL	MEAN	1.69	1.84	2.01
			S.E.	0.07	0.13	0.06
		WEST	MEAN	1.31	1.61	1.87
			S.E.	0.06	0.07	0.07

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
OCC SPECIFIC VOC ED	ALL GRADUATES:	MEAN	1.75	2.02	2.14
		S.E.	0.05	0.05	0.04
	GENDER				
	MALE	MEAN	1.83	2.07	2.16
		S.E.	0.05	0.06	0.05
	FEMALE	MEAN	1.67	1.97	2.12
		S.E.	0.06	0.06	0.06
	RACE/ETHNICITY				
	WHITE	MEAN	1.80	2.04	2.11
		S.E.	0.05	0.06	0.04
	BLACK	MEAN	1.72	2.18	2.20
		S.E.	0.09	0.10	0.12
	HISPANIC	MEAN	1.67	1.93	2.37
		S.E.	0.12	0.10	0.09
	ASIAN/PACIFIC	MEAN	1.00	1.08	1.19
		S.E.	0.10	0.15	0.13
	OTHER	MEAN	1.75	2.21	2.37
		S.E.	0.12	0.11	0.19
	NOT REPORTED	MEAN	1.53	1.95	.
		S.E.	0.18	0.20	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
OCC SPECIFIC VOC ED	STUDENT PROGRAM				
	ACADEMIC	MEAN	0.90	0.95	0.88
		S.E.	0.03	0.03	0.02
	VOCATIONAL	MEAN	5.78	5.52	5.40
		S.E.	0.11	0.10	0.07
	BOTH	MEAN	4.69	4.73	4.71
		S.E.	0.07	0.07	0.10
	NEITHER	MEAN	1.65	1.74	1.62
		S.E.	0.06	0.04	0.04
	COMMUNITY TYPE				
	BIG CITY	MEAN	1.44	1.85	.
		S.E.	0.12	0.08	.
	URBAN FRINGE	MEAN	1.44	1.69	.
		S.E.	0.08	0.08	.
	MEDIUM CITY	MEAN	1.59	1.79	.
		S.E.	0.12	0.13	.
	SMALL PLACE	MEAN	2.05	2.38	.
		S.E.	0.07	0.06	.
	URBAN	MEAN	.	.	1.94
		S.E.	.	.	0.10
	SUBURBAN	MEAN	.	.	2.01
		S.E.	.	.	0.05
	RURAL	MEAN	.	.	2.48
		S.E.	.	.	0.08

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
OCC SPECIFIC VOC ED	PUBLIC/NONPUBLIC SCHOOL				
	PUBLIC	MEAN	1.85	2.15	2.27
		S.E.	0.05	0.04	0.04
	NONPUBLIC	MEAN	0.72	0.79	1.06
		S.E.	0.09	0.11	0.12
	REGION				
	NORTHEAST	MEAN	1.65	1.78	1.90
		S.E.	0.07	0.15	0.09
	SOUTH CENTRAL	MEAN	1.94	2.16	2.18
		S.E.	0.09	0.10	0.07
	NORTH CENTRAL	MEAN	1.97	2.30	2.46
		S.E.	0.10	0.08	0.07
	WEST	MEAN	1.22	1.63	1.83
		S.E.	0.11	0.06	0.09

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
VISUAL AND PERFORMING ARTS	ALL GRADUATES:	MEAN	1.53	1.43	1.39
		S.E.	0.04	0.04	0.03
	GENDER				
	MALE	MEAN	1.30	1.24	1.23
		S.E.	0.04	0.04	0.04
	FEMALE	MEAN	1.75	1.60	1.55
		S.E.	0.04	0.05	0.04
	RACE/ETHNICITY				
	WHITE	MEAN	1.59	1.48	1.45
		S.E.	0.05	0.06	0.03
	BLACK	MEAN	1.34	1.20	1.18
		S.E.	0.05	0.06	0.05
	HISPANIC	MEAN	1.48	1.35	1.27
		S.E.	0.07	0.06	0.05
	ASIAN/PACIFIC	MEAN	1.31	1.12	1.22
		S.E.	0.07	0.08	0.14
	OTHER	MEAN	1.01	1.51	1.41
		S.E.	0.13	0.11	0.17
	NOT REPORTED	MEAN	1.57	1.47	.
		S.E.	0.22	0.12	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD				1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
VISUAL AND PERFORMING ARTS	STUDENT PROGRAM					
		ACADEMIC	MEAN	1.63	1.50	1.39
			S.E.	0.04	0.05	0.04
		VOCATIONAL	MEAN	0.93	0.94	0.96
			S.E.	0.08	0.07	0.05
		BOTH	MEAN	0.90	0.79	0.89
			S.E.	0.05	0.05	0.07
		NEITHER	MEAN	1.87	1.83	1.70
			S.E.	0.07	0.06	0.04
	COMMUNITY TYPE					
		BIG CITY	MEAN	1.52	1.45	.
			S.E.	0.08	0.07	.
		URBAN FRINGE	MEAN	1.47	1.31	.
			S.E.	0.07	0.05	.
		MEDIUM CITY	MEAN	1.66	1.50	.
			S.E.	0.12	0.11	.
		SMALL PLACE	MEAN	1.54	1.47	.
			S.E.	0.06	0.09	.
		URBAN	MEAN	.	.	1.33
			S.E.	.	.	0.06
		SUBURBAN	MEAN	.	.	1.40
			S.E.	.	.	0.04
		RURAL	MEAN	.	.	1.43
			S.E.	.	.	0.06

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD				1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
VISUAL AND PERFORMING ARTS	PUBLIC/NONPUBLIC SCHOOL					
		PUBLIC	MEAN	1.56	1.44	1.42
			S.E.	0.04	0.04	0.03
		NONPUBLIC	MEAN	1.29	1.26	1.20
			S.E.	0.07	0.13	0.10
	REGION					
		NORTHEAST	MEAN	1.52	1.28	1.20
			S.E.	0.12	0.09	0.07
		SOUTH CENTRAL	MEAN	1.39	1.25	1.24
			S.E.	0.05	0.07	0.05
		NORTH CENTRAL	MEAN	1.63	1.64	1.59
			S.E.	0.08	0.09	0.05
		WEST	MEAN	1.67	1.57	1.62
			S.E.	0.06	0.09	0.04

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
PHYSICAL ED,HEALTH, & SPORTS	ALL GRADUATES:	MEAN	2.01	1.97	1.93
		S.E.	0.06	0.07	0.02
	GENDER				
	MALE	MEAN	2.18	2.13	2.06
		S.E.	0.06	0.07	0.03
	FEMALE	MEAN	1.85	1.81	1.81
		S.E.	0.06	0.07	0.03
	RACE/ETHNICITY				
	WHITE	MEAN	1.97	1.94	1.89
		S.E.	0.06	0.08	0.03
	BLACK	MEAN	2.06	2.01	1.98
		S.E.	0.09	0.11	0.07
	HISPANIC	MEAN	2.27	2.40	2.13
		S.E.	0.08	0.09	0.05
	ASIAN/PACIFIC	MEAN	2.15	2.57	2.21
		S.E.	0.10	0.16	0.09
	OTHER	MEAN	2.04	2.12	2.06
		S.E.	0.10	0.07	0.12
	NOT REPORTED	MEAN	1.90	1.61	.
		S.E.	0.20	0.10	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987
by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
PHYSICAL ED,HEALTH, & SPORTS	STUDENT PROGRAM				
	ACADEMIC	MEAN	2.02	1.94	1.92
		S.E.	0.06	0.07	0.04
	VOCATIONAL	MEAN	1.88	1.91	1.80
		S.E.	0.09	0.10	0.04
	BOTH	MEAN	1.95	1.88	2.01
		S.E.	0.05	0.08	0.11
	NEITHER	MEAN	2.07	2.12	2.00
		S.E.	0.09	0.07	0.03
	COMMUNITY TYPE				
	BIG CITY	MEAN	1.87	1.64	.
		S.E.	0.10	0.10	.
	URBAN FRINGE	MEAN	2.33	2.16	.
		S.E.	0.10	0.08	.
	MEDIUM CITY	MEAN	1.95	1.98	.
		S.E.	0.27	0.19	.
	SMALL PLACE	MEAN	1.88	1.94	.
		S.E.	0.06	0.11	.
	URBAN	MEAN	.	.	1.77
		S.E.	.	.	0.06
	SUBURBAN	MEAN	.	.	2.02
		S.E.	.	.	0.04
	RURAL	MEAN	.	.	1.89
		S.E.	.	.	0.06

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
PHYSICAL ED,HEALTH, & SPORTS	PUBLIC/NONPUBLIC SCHOOL				
	PUBLIC	MEAN	2.07	2.06	1.98
		S.E.	0.06	0.07	0.03
	NONPUBLIC	MEAN	1.39	1.08	1.50
		S.E.	0.13	0.11	0.08
	REGION				
	NORTHEAST	MEAN	2.11	1.56	1.66
		S.E.	0.16	0.16	0.07
	SOUTH CENTRAL	MEAN	1.99	1.91	2.04
		S.E.	0.07	0.10	0.05
	NORTH CENTRAL	MEAN	1.62	1.95	1.66
		S.E.	0.14	0.18	0.05
	WEST	MEAN	2.44	2.60	2.61
		S.E.	0.09	0.04	0.07

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ALL COURSES OTHER THAN ABOVE	ALL GRADUATES:	MEAN	1.24	1.14	1.14
		S.E.	0.05	0.04	0.03
	GENDER				
	MALE	MEAN	1.17	1.06	1.07
		S.E.	0.05	0.06	0.03
	FEMALE	MEAN	1.31	1.21	1.20
		S.E.	0.05	0.05	0.05
	RACE/ETHNICITY				
	WHITE	MEAN	1.20	1.11	1.12
		S.E.	0.06	0.05	0.04
	BLACK	MEAN	1.30	1.11	1.07
		S.E.	0.09	0.08	0.06
	HISPANIC	MEAN	1.44	1.37	1.25
		S.E.	0.09	0.09	0.06
	ASIAN/PACIFIC	MEAN	1.33	1.14	1.34
		S.E.	0.10	0.08	0.13
	OTHER	MEAN	1.61	1.25	1.17
		S.E.	0.26	0.11	0.07
	NOT REPORTED	MEAN	1.31	1.28	.
		S.E.	0.23	0.20	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ALL COURSES OTHER THAN ABOVE	STUDENT PROGRAM				
	ACADEMIC	MEAN	1.23	1.21	1.18
		S.E.	0.06	0.06	0.05
	VOCATIONAL	MEAN	0.93	0.83	0.79
		S.E.	0.06	0.05	0.03
	BOTH	MEAN	0.75	0.79	0.77
		S.E.	0.05	0.06	0.06
	NEITHER	MEAN	1.86	1.29	1.31
		S.E.	0.15	0.07	0.04
	COMMUNITY TYPE				
	BIG CITY	MEAN	1.76	1.39	.
		S.E.	0.13	0.15	.
	URBAN FRINGE	MEAN	1.32	1.22	.
		S.E.	0.09	0.11	.
	MEDIUM CITY	MEAN	1.43	1.30	.
		S.E.	0.19	0.09	.
	SMALL PLACE	MEAN	1.00	0.94	.
		S.E.	0.07	0.06	.
	URBAN	MEAN	.	.	1.20
		S.E.	.	.	0.08
	SUBURBAN	MEAN	.	.	1.23
		S.E.	.	.	0.05
	RURAL	MEAN	.	.	0.94
		S.E.	.	.	0.04

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD			1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ALL COURSES OTHER THAN ABOVE	PUBLIC/NONPUBLIC SCHOOL				
	PUBLIC	MEAN	1.04	0.95	0.97
		S.E.	0.04	0.03	0.02
	NONPUBLIC	MEAN	3.15	2.95	2.50
		S.E.	0.23	0.23	0.25
	REGION				
	NORTHEAST	MEAN	1.09	1.15	0.85
		S.E.	0.11	0.12	0.06
	SOUTH CENTRAL	MEAN	1.04	1.00	1.05
		S.E.	0.08	0.06	0.05
	NORTH CENTRAL	MEAN	1.26	1.04	1.11
		S.E.	0.10	0.10	0.07
	WEST	MEAN	1.71	1.51	1.75
		S.E.	0.12	0.05	0.06

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 or between 1982 and 1987 on Community Type are meaningful.

Table 14. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields in 1990, 1987, and 1982

SUBJECT FIELD		1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ENGLISH	MEAN	4.09	4.03	3.80
	S.E.	0.04	0.02	0.03
HISTORY	MEAN	1.99	1.90	1.68
	S.E.	0.03	0.02	0.02
SOCIAL STUDIES OTHER THAN HIST	MEAN	1.48	1.43	1.42
	S.E.	0.03	0.05	0.02
MATHEMATICS	MEAN	3.11	2.97	2.54
	S.E.	0.03	0.03	0.02
COMPUTER SCIENCE/PROG/DATA PROC	MEAN	0.46	0.43	0.11
	S.E.	0.02	0.02	0.01
SCIENCE	MEAN	2.82	2.59	2.19
	S.E.	0.03	0.05	0.02
FOREIGN LANGUAGES	MEAN	1.62	1.46	1.05
	S.E.	0.04	0.05	0.03
NON-OCC SPECIFIC VOC ED	MEAN	1.50	1.64	1.84
	S.E.	0.04	0.05	0.03
GENERAL INTRODUCTORY	MEAN	0.35	0.34	0.37
	S.E.	0.02	0.02	0.01
AGRICULTURE	MEAN	0.14	0.17	0.17
	S.E.	0.02	0.03	0.01
BUSINESS	MEAN	0.59	0.68	0.78
	S.E.	0.02	0.03	0.02
MARKETING AND DISTRIBUTION	MEAN	0.08	0.10	0.08
	S.E.	0.01	0.01	0.01
HEALTH AND HUMAN SERVICES	MEAN	0.02	0.05	0.04
	S.E.	0.00	0.01	0.00
OCCUPATIONAL HOME ECONOMICS	MEAN	0.09	0.10	0.09
	S.E.	0.01	0.01	0.01
TRADE AND INDUSTRY	MEAN	0.44	0.56	0.60
	S.E.	0.02	0.03	0.02
TECHNICAL	MEAN	0.02	0.01	0.01
	S.E.	0.00	0.00	0.00
VISUAL AND PERFORMING ARTS	MEAN	1.53	1.43	1.39
	S.E.	0.04	0.04	0.03

Table 14. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields in 1990, 1987, and 1982 (Continued)

SUBJECT FIELD		1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
PHYSICAL ED, HEALTH, & SPORTS	MEAN	2.01	1.97	1.93
	S.E.	0.06	0.07	0.02
OTHER PERSONAL AND SOCIAL DEV	MEAN	0.81	0.77	0.78
	S.E.	0.04	0.03	0.02
RELIGION/THEOLOGY	MEAN	0.24	0.25	0.22
	S.E.	0.04	0.04	0.03
ALL COURSES OTHER THAN ABOVE	MEAN	0.19	0.12	0.14
	S.E.	0.02	0.01	0.01

Table 15. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Gender in 1990, 1987, and 1982

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
SUBJECT FIELD		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
ENGLISH	MEAN	4.12	4.06	4.05	4.01	3.84	3.76
	S.E.	0.04	0.04	0.02	0.02	0.03	0.03
HISTORY	MEAN	1.97	2.00	1.88	1.92	1.69	1.68
	S.E.	0.04	0.04	0.02	0.03	0.03	0.02
SOCIAL STUDIES OTHER THAN HIST	MEAN	1.51	1.43	1.47	1.39	1.43	1.41
	S.E.	0.03	0.03	0.05	0.05	0.03	0.02
MATHEMATICS	MEAN	3.08	3.13	2.92	3.03	2.46	2.61
	S.E.	0.03	0.03	0.03	0.03	0.03	0.04
COMPUTER SCIENCE/PROG/DATA PROC	MEAN	0.46	0.48	0.40	0.47	0.10	0.13
	S.E.	0.02	0.02	0.02	0.02	0.01	0.01
SCIENCE	MEAN	2.78	2.87	2.53	2.66	2.13	2.25
	S.E.	0.02	0.03	0.05	0.05	0.02	0.03
FOREIGN LANGUAGES	MEAN	1.80	1.43	1.63	1.29	1.23	0.86
	S.E.	0.04	0.04	0.06	0.05	0.03	0.04
NON-OCC SPECIFIC VOC ED	MEAN	1.51	1.50	1.67	1.61	1.93	1.75
	S.E.	0.04	0.04	0.06	0.05	0.03	0.05
GENERAL INTRODUCTORY	MEAN	0.35	0.35	0.37	0.31	0.38	0.36
	S.E.	0.03	0.02	0.02	0.02	0.01	0.02
AGRICULTURE	MEAN	0.07	0.22	0.06	0.28	0.06	0.29
	S.E.	0.01	0.03	0.01	0.05	0.01	0.02
BUSINESS	MEAN	0.83	0.32	1.01	0.34	1.23	0.29
	S.E.	0.04	0.02	0.04	0.02	0.03	0.01
MARKETING AND DISTRIBUTION	MEAN	0.09	0.06	0.12	0.07	0.09	0.07
	S.E.	0.01	0.01	0.02	0.01	0.01	0.01
HEALTH AND HUMAN SERVICES	MEAN	0.03	0.01	0.07	0.03	0.06	0.02
	S.E.	0.01	0.00	0.01	0.00	0.01	0.00
OCCUPATIONAL HOME ECONOMICS	MEAN	0.14	0.04	0.15	0.05	0.14	0.04
	S.E.	0.01	0.01	0.01	0.01	0.01	0.01
TRADE AND INDUSTRY	MEAN	0.14	0.78	0.18	0.96	0.15	1.07
	S.E.	0.02	0.03	0.02	0.06	0.02	0.04
TECHNICAL	MEAN	0.01	0.02	0.01	0.02	0.01	0.02
	S.E.	0.00	0.00	0.00	0.00	0.00	0.00

Table 15. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Gender in 1990, 1987, and 1982 (Continued)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
SUBJECT FIELD		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
VISUAL AND PERFORMING ARTS	MEAN	1.75	1.30	1.60	1.24	1.55	1.23
	S.E.	0.04	0.04	0.05	0.04	0.04	0.04
PHYSICAL ED, HEALTH, & SPORTS	MEAN	1.85	2.18	1.81	2.13	1.81	2.06
	S.E.	0.06	0.06	0.07	0.07	0.03	0.03
OTHER PERSONAL AND SOCIAL DEV	MEAN	0.90	0.71	0.89	0.65	0.85	0.71
	S.E.	0.05	0.04	0.04	0.02	0.02	0.02
RELIGION/THEOLOGY	MEAN	0.26	0.23	0.23	0.27	0.25	0.18
	S.E.	0.04	0.04	0.05	0.06	0.04	0.03
ALL COURSES OTHER THAN ABOVE	MEAN	0.15	0.24	0.09	0.15	0.10	0.17
	S.E.	0.01	0.02	0.01	0.01	0.01	0.01

Table 16. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Race/Ethnicity in 1990, 1987, and 1982

		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
SUBJECT FIELD		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
ENGLISH	MEAN	4.03	4.17	4.43	4.42	4.25	3.91	3.99	4.14	4.23	4.31	4.20	3.96	3.78	3.90	3.79	3.94	3.84
	S.E.	0.04	0.05	0.13	0.13	0.13	0.09	0.02	0.05	0.05	0.06	0.03	0.05	0.03	0.06	0.04	0.09	0.10
HISTORY	MEAN	1.96	1.99	2.01	2.19	2.06	2.26	1.88	1.88	1.78	1.97	1.99	2.18	1.70	1.64	1.58	1.67	1.76
	S.E.	0.04	0.07	0.06	0.16	0.09	0.15	0.03	0.06	0.04	0.07	0.04	0.14	0.02	0.04	0.02	0.08	0.07
SOCIAL STUDIES OTHER THAN HIST	MEAN	1.49	1.44	1.44	1.51	1.34	1.45	1.42	1.43	1.45	1.67	1.26	1.41	1.45	1.33	1.36	1.37	1.31
	S.E.	0.03	0.06	0.07	0.09	0.07	0.07	0.05	0.05	0.10	0.19	0.06	0.23	0.02	0.05	0.03	0.07	0.08
MATHEMATICS	MEAN	3.10	3.09	3.07	3.50	3.03	3.01	2.98	2.90	2.77	3.72	2.96	2.95	2.59	2.44	2.22	3.11	2.21
	S.E.	0.04	0.07	0.06	0.06	0.11	0.05	0.04	0.06	0.05	0.09	0.10	0.07	0.02	0.05	0.04	0.09	0.10
COMPUTER SCIENCE/PROG/DATA PROC	MEAN	0.45	0.52	0.48	0.49	0.58	0.39	0.45	0.35	0.36	0.57	0.35	0.41	0.12	0.10	0.07	0.19	0.05
	S.E.	0.02	0.05	0.04	0.03	0.09	0.05	0.02	0.02	0.02	0.04	0.04	0.04	0.01	0.01	0.01	0.05	0.02
SCIENCE	MEAN	2.87	2.73	2.55	3.04	2.72	2.62	2.64	2.39	2.33	3.17	2.51	2.51	2.27	1.99	1.79	2.56	2.02
	S.E.	0.03	0.07	0.04	0.11	0.14	0.05	0.06	0.07	0.06	0.11	0.07	0.06	0.02	0.06	0.03	0.08	0.10
FOREIGN LANGUAGES	MEAN	1.68	1.26	1.55	2.15	1.45	1.57	1.50	1.12	1.27	2.17	0.92	1.67	1.13	0.73	0.78	1.81	0.82
	S.E.	0.05	0.07	0.06	0.13	0.15	0.10	0.06	0.07	0.06	0.12	0.17	0.13	0.03	0.06	0.03	0.10	0.13
NON-OCC SPECIFIC VOC ED	MEAN	1.47	1.80	1.52	1.11	1.54	1.31	1.66	1.83	1.64	1.01	1.90	1.36	1.78	1.96	2.17	1.37	1.96
	S.E.	0.04	0.10	0.08	0.13	0.14	0.17	0.07	0.05	0.04	0.11	0.07	0.09	0.04	0.05	0.05	0.10	0.12
GENERAL INTRODUCTORY	MEAN	0.37	0.30	0.29	0.16	0.43	0.33	0.33	0.44	0.30	0.20	0.42	0.37	0.36	0.41	0.43	0.18	0.33
	S.E.	0.03	0.03	0.04	0.02	0.05	0.04	0.02	0.05	0.04	0.06	0.08	0.10	0.01	0.03	0.04	0.06	0.07
AGRICULTURE	MEAN	0.17	0.05	0.10	0.04	0.19	0.14	0.20	0.09	0.06	0.01	0.21	0.10	0.18	0.06	0.18	0.05	0.16
	S.E.	0.02	0.01	0.02	0.02	0.08	0.04	0.04	0.02	0.02	0.01	0.02	0.03	0.02	0.01	0.02	0.02	0.04
BUSINESS	MEAN	0.57	0.71	0.65	0.44	0.58	0.46	0.69	0.74	0.70	0.44	0.64	0.67	0.80	0.74	0.73	0.45	0.66
	S.E.	0.02	0.06	0.08	0.04	0.08	0.06	0.04	0.05	0.03	0.06	0.05	0.07	0.02	0.06	0.05	0.05	0.12
MARKETING AND DISTRIBUTION	MEAN	0.08	0.09	0.10	0.02	0.07	0.06	0.10	0.11	0.11	0.08	0.06	0.10	0.08	0.10	0.07	0.03	0.09
	S.E.	0.01	0.02	0.02	0.01	0.02	0.02	0.01	0.01	0.02	0.05	0.03	0.03	0.01	0.02	0.01	0.02	0.04
HEALTH AND HUMAN SERVICES	MEAN	0.02	0.02	0.02	0.01	0.01	0.01	0.04	0.09	0.05	0.03	0.05	0.04	0.03	0.10	0.05	0.03	0.05
	S.E.	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.00	0.03	0.02	0.01	0.02
OCCUPATIONAL HOME ECONOMICS	MEAN	0.09	0.15	0.11	0.02	0.08	0.08	0.09	0.19	0.09	0.05	0.10	0.10	0.09	0.10	0.10	0.03	0.07
	S.E.	0.01	0.03	0.01	0.01	0.04	0.03	0.01	0.03	0.01	0.02	0.04	0.02	0.01	0.02	0.01	0.01	0.03
TRADE AND INDUSTRY	MEAN	0.48	0.35	0.39	0.30	0.37	0.43	0.57	0.50	0.62	0.25	0.72	0.56	0.55	0.67	0.81	0.41	1.00
	S.E.	0.03	0.04	0.04	0.07	0.08	0.08	0.04	0.05	0.06	0.04	0.05	0.07	0.02	0.09	0.06	0.07	0.17
TECHNICAL	MEAN	0.02	0.02	0.01	0.00	0.00	0.01	0.01	0.02	0.00	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01
	S.E.	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.00

Table 16. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Race/Ethnicity in 1990, 1987, and 1982 (Continued)

		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
SUBJECT FIELD		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
VISUAL AND PERFORMING ARTS	MEAN	1.59	1.34	1.48	1.31	1.01	1.57	1.48	1.20	1.35	1.12	1.51	1.47	1.45	1.18	1.27	1.22	1.41
	S.E.	0.05	0.05	0.07	0.07	0.13	0.22	0.06	0.06	0.06	0.08	0.11	0.12	0.03	0.05	0.05	0.14	0.17
PHYSICAL ED, HEALTH, & SPORTS	MEAN	1.97	2.06	2.27	2.15	2.04	1.90	1.94	2.01	2.40	2.57	2.12	1.61	1.89	1.98	2.13	2.21	2.06
	S.E.	0.06	0.09	0.08	0.10	0.10	0.20	0.08	0.11	0.09	0.16	0.07	0.10	0.03	0.07	0.05	0.09	0.12
OTHER PERSONAL AND SOCIAL DEV	MEAN	0.80	0.71	0.89	0.99	0.99	0.90	0.76	0.69	0.95	0.95	0.97	0.79	0.77	0.70	0.87	1.05	0.92
	S.E.	0.05	0.06	0.06	0.07	0.13	0.11	0.04	0.06	0.06	0.09	0.06	0.08	0.02	0.05	0.05	0.13	0.06
RELIGION/THEOLOGY	MEAN	0.25	0.18	0.23	0.21	0.48	0.23	0.27	0.12	0.13	0.12	0.11	0.40	0.24	0.11	0.17	0.17	0.09
	S.E.	0.04	0.03	0.06	0.05	0.24	0.15	0.05	0.05	0.04	0.04	0.06	0.19	0.03	0.03	0.03	0.05	0.03
ALL COURSES OTHER THAN ABOVE	MEAN	0.14	0.42	0.33	0.13	0.14	0.19	0.08	0.30	0.29	0.07	0.17	0.08	0.11	0.26	0.21	0.12	0.16
	S.E.	0.01	0.09	0.05	0.03	0.04	0.05	0.01	0.05	0.05	0.01	0.05	0.02	0.01	0.05	0.02	0.02	0.05

Table 17. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Student Program in 1990, 1987, and 1982

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
SUBJECT FIELD		ACAD	VOC.	BOTH	NEITHER	ACAD	VOC.	BOTH	NEITHER	ACAD	VOC.	BOTH	NEITHER
ENGLISH	MEAN	4.27	3.54	4.13	3.45	4.24	3.61	4.22	3.57	4.17	3.48	4.41	3.44
	S.E.	0.04	0.05	0.03	0.08	0.02	0.03	0.04	0.04	0.03	0.03	0.10	0.04
HISTORY	MEAN	2.11	1.52	2.01	1.63	2.04	1.65	1.97	1.60	1.90	1.50	2.03	1.46
	S.E.	0.04	0.06	0.05	0.04	0.03	0.04	0.04	0.03	0.02	0.03	0.10	0.02
SOCIAL STUDIES OTHER THAN HIST	MEAN	1.56	1.16	1.39	1.26	1.58	1.08	1.50	1.16	1.62	1.19	1.71	1.25
	S.E.	0.03	0.06	0.05	0.04	0.05	0.06	0.05	0.04	0.03	0.03	0.08	0.03
MATHEMATICS	MEAN	3.43	2.04	3.04	2.08	3.46	1.99	3.00	2.07	3.34	1.74	2.99	1.91
	S.E.	0.02	0.04	0.03	0.06	0.02	0.03	0.03	0.03	0.02	0.02	0.14	0.03
COMPUTER SCIENCE/PROG/DATA PROC	MEAN	0.50	0.31	0.38	0.43	0.50	0.24	0.34	0.40	0.15	0.06	0.12	0.09
	S.E.	0.02	0.03	0.02	0.03	0.02	0.02	0.03	0.03	0.01	0.01	0.05	0.01
SCIENCE	MEAN	3.16	1.80	2.59	1.86	3.10	1.65	2.46	1.68	3.01	1.43	2.58	1.53
	S.E.	0.03	0.05	0.05	0.03	0.04	0.05	0.06	0.05	0.02	0.03	0.08	0.03
FOREIGN LANGUAGES	MEAN	1.99	0.44	0.91	0.91	1.95	0.49	0.83	0.89	1.71	0.35	0.55	0.70
	S.E.	0.04	0.04	0.05	0.04	0.06	0.03	0.06	0.05	0.04	0.02	0.04	0.02
NON-OCC SPECIFIC VOC ED	MEAN	1.24	2.25	1.65	2.36	1.29	2.22	1.67	2.35	1.28	2.13	1.95	2.34
	S.E.	0.03	0.06	0.05	0.13	0.06	0.07	0.06	0.10	0.03	0.05	0.10	0.05
GENERAL INTRODUCTORY	MEAN	0.19	1.05	0.82	0.41	0.20	0.72	0.58	0.40	0.18	0.77	0.54	0.36
	S.E.	0.01	0.10	0.08	0.03	0.01	0.08	0.08	0.02	0.01	0.04	0.07	0.02
AGRICULTURE	MEAN	0.04	0.68	0.48	0.13	0.04	0.58	0.59	0.10	0.04	0.51	0.54	0.09
	S.E.	0.01	0.10	0.08	0.02	0.01	0.10	0.12	0.01	0.00	0.05	0.10	0.01
BUSINESS	MEAN	0.39	1.45	1.43	0.49	0.42	1.54	1.49	0.58	0.37	1.83	1.78	0.59
	S.E.	0.01	0.13	0.09	0.03	0.02	0.10	0.08	0.03	0.01	0.07	0.15	0.02
MARKETING AND DISTRIBUTION	MEAN	0.03	0.21	0.30	0.08	0.03	0.31	0.23	0.10	0.03	0.18	0.21	0.08
	S.E.	0.00	0.05	0.05	0.01	0.00	0.06	0.03	0.01	0.00	0.02	0.05	0.01
HEALTH AND HUMAN SERVICES	MEAN	0.01	0.08	0.04	0.02	0.02	0.13	0.13	0.04	0.02	0.08	0.12	0.03
	S.E.	0.00	0.02	0.01	0.00	0.00	0.03	0.02	0.01	0.00	0.02	0.04	0.00
OCCUPATIONAL HOME ECONOMICS	MEAN	0.05	0.27	0.28	0.11	0.04	0.28	0.23	0.12	0.04	0.17	0.14	0.11
	S.E.	0.01	0.05	0.04	0.02	0.00	0.03	0.05	0.01	0.00	0.03	0.03	0.01
TRADE AND INDUSTRY	MEAN	0.17	2.01	1.32	0.35	0.18	1.95	1.46	0.38	0.19	1.85	1.37	0.34
	S.E.	0.01	0.17	0.09	0.03	0.01	0.14	0.16	0.02	0.01	0.09	0.12	0.01
TECHNICAL	MEAN	0.01	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.02
	S.E.	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.00

Table 17. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Student Program in 1990, 1987, and 1982 (Continued)

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
SUBJECT FIELD		ACAD	VOC.	BOTH	NEITHER	ACAD	VOC.	BOTH	NEITHER	ACAD	VOC.	BOTH	NEITHER
VISUAL AND PERFORMING ARTS	MEAN	1.63	0.93	0.90	1.87	1.50	0.94	0.79	1.83	1.39	0.96	0.89	1.70
	S.E.	0.04	0.08	0.05	0.07	0.05	0.07	0.05	0.06	0.04	0.05	0.07	0.04
PHYSICAL ED, HEALTH, & SPORTS	MEAN	2.02	1.88	1.95	2.07	1.94	1.91	1.88	2.12	1.92	1.80	2.01	2.00
	S.E.	0.06	0.09	0.05	0.09	0.07	0.10	0.08	0.07	0.04	0.04	0.11	0.03
OTHER PERSONAL AND SOCIAL DEV	MEAN	0.81	0.63	0.59	1.08	0.80	0.61	0.63	0.87	0.73	0.62	0.52	0.96
	S.E.	0.04	0.05	0.04	0.11	0.04	0.04	0.03	0.06	0.02	0.02	0.03	0.03
RELIGION/THEOLOGY	MEAN	0.31	0.02	0.06	0.13	0.33	0.10	0.10	0.15	0.37	0.05	0.15	0.13
	S.E.	0.05	0.01	0.02	0.03	0.06	0.04	0.05	0.05	0.04	0.01	0.04	0.02
ALL COURSES OTHER THAN ABOVE	MEAN	0.11	0.27	0.10	0.66	0.08	0.12	0.06	0.27	0.08	0.11	0.10	0.23
	S.E.	0.01	0.04	0.02	0.10	0.01	0.02	0.01	0.04	0.01	0.01	0.03	0.02

Table 18. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Community Type in 1990 and 1987

		1990 GRADUATES				1987 GRADUATES			
SUBJECT FIELD		BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ENGLISH	MEAN	4.35	4.10	4.10	4.01	4.16	4.01	3.98	4.02
	S.E.	0.13	0.06	0.05	0.05	0.06	0.04	0.03	0.03
HISTORY	MEAN	2.13	2.09	1.82	1.93	2.07	1.95	1.88	1.82
	S.E.	0.09	0.08	0.07	0.07	0.09	0.05	0.09	0.06
SOCIAL STUDIES OTHER THAN HIST	MEAN	1.50	1.44	1.67	1.44	1.44	1.42	1.38	1.45
	S.E.	0.08	0.07	0.09	0.05	0.11	0.07	0.10	0.09
MATHEMATICS	MEAN	3.21	3.19	3.14	3.02	3.01	3.09	2.99	2.87
	S.E.	0.05	0.04	0.05	0.05	0.06	0.05	0.06	0.05
COMPUTER SCIENCE/PROG/DATA PROC	MEAN	0.50	0.44	0.41	0.48	0.36	0.45	0.43	0.44
	S.E.	0.05	0.04	0.05	0.03	0.02	0.03	0.03	0.04
SCIENCE	MEAN	2.79	2.84	2.73	2.85	2.57	2.58	2.52	2.63
	S.E.	0.08	0.04	0.07	0.05	0.08	0.07	0.09	0.07
FOREIGN LANGUAGES	MEAN	1.80	1.88	1.73	1.41	1.72	1.66	1.58	1.21
	S.E.	0.08	0.08	0.09	0.07	0.12	0.06	0.14	0.08
NON-OCC SPECIFIC VOC ED	MEAN	1.18	1.25	1.41	1.76	1.32	1.44	1.49	1.94
	S.E.	0.07	0.05	0.10	0.06	0.07	0.06	0.10	0.10
GENERAL INTRODUCTORY	MEAN	0.28	0.32	0.28	0.40	0.31	0.33	0.36	0.35
	S.E.	0.03	0.04	0.04	0.03	0.02	0.04	0.04	0.03
AGRICULTURE	MEAN	0.03	0.03	0.03	0.27	0.04	0.03	0.09	0.33
	S.E.	0.01	0.01	0.01	0.04	0.01	0.01	0.03	0.07
BUSINESS	MEAN	0.61	0.47	0.61	0.64	0.68	0.63	0.57	0.77
	S.E.	0.10	0.03	0.06	0.03	0.06	0.04	0.05	0.05
MARKETING AND DISTRIBUTION	MEAN	0.09	0.08	0.14	0.06	0.10	0.09	0.13	0.09
	S.E.	0.02	0.01	0.03	0.01	0.02	0.01	0.02	0.02
HEALTH AND HUMAN SERVICES	MEAN	0.01	0.02	0.03	0.03	0.08	0.04	0.05	0.04
	S.E.	0.00	0.01	0.01	0.00	0.01	0.01	0.02	0.01
OCCUPATIONAL HOME ECONOMICS	MEAN	0.10	0.08	0.09	0.10	0.09	0.08	0.11	0.12
	S.E.	0.02	0.01	0.03	0.02	0.01	0.01	0.02	0.01

Table 18. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Community Type in 1990 and 1987 (Continued)

		1990 GRADUATES				1987 GRADUATES			
SUBJECT FIELD		BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
TRADE AND INDUSTRY	MEAN	0.29	0.41	0.41	0.52	0.54	0.46	0.46	0.67
	S.E.	0.04	0.05	0.06	0.03	0.05	0.04	0.05	0.08
TECHNICAL	MEAN	0.01	0.03	0.00	0.01	0.01	0.02	0.02	0.01
	S.E.	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
VISUAL AND PERFORMING ARTS	MEAN	1.52	1.47	1.66	1.54	1.45	1.31	1.50	1.47
	S.E.	0.08	0.07	0.12	0.06	0.07	0.05	0.11	0.09
PHYSICAL ED, HEALTH, & SPORTS	MEAN	1.87	2.33	1.95	1.88	1.64	2.16	1.98	1.94
	S.E.	0.10	0.10	0.27	0.06	0.10	0.08	0.19	0.11
OTHER PERSONAL AND SOCIAL DEV	MEAN	0.90	0.85	0.80	0.76	0.81	0.76	0.75	0.78
	S.E.	0.10	0.05	0.14	0.06	0.07	0.04	0.13	0.05
RELIGION/THEOLOGY	MEAN	0.59	0.26	0.46	0.08	0.42	0.35	0.37	0.08
	S.E.	0.13	0.08	0.14	0.03	0.15	0.10	0.15	0.03
ALL COURSES OTHER THAN ABOVE	MEAN	0.27	0.21	0.19	0.16	0.16	0.11	0.18	0.09
	S.E.	0.06	0.02	0.04	0.03	0.03	0.02	0.03	0.01

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 19. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by School Type (Public/Nonpublic) in 1990, 1987, and 1982

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
SUBJECT FIELD		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ENGLISH	MEAN	4.06	4.38	4.01	4.25	3.77	4.10
	S.E.	0.04	0.08	0.02	0.07	0.03	0.09
HISTORY	MEAN	1.95	2.31	1.87	2.19	1.65	1.92
	S.E.	0.04	0.08	0.02	0.10	0.02	0.07
SOCIAL STUDIES OTHER THAN HIST	MEAN	1.48	1.39	1.44	1.34	1.40	1.60
	S.E.	0.03	0.09	0.05	0.12	0.02	0.09
MATHEMATICS	MEAN	3.07	3.50	2.92	3.44	2.46	3.16
	S.E.	0.03	0.04	0.03	0.06	0.02	0.10
COMPUTER SCIENCE/PROG/DATA PROC	MEAN	0.47	0.41	0.43	0.44	0.11	0.08
	S.E.	0.02	0.03	0.02	0.06	0.01	0.02
SCIENCE	MEAN	2.80	3.08	2.57	2.81	2.14	2.57
	S.E.	0.03	0.06	0.05	0.07	0.02	0.08
FOREIGN LANGUAGES	MEAN	1.55	2.30	1.37	2.37	0.94	1.95
	S.E.	0.04	0.08	0.05	0.16	0.02	0.13
NON-OCC SPECIFIC VOC ED	MEAN	1.58	0.72	1.74	0.73	1.94	1.03
	S.E.	0.04	0.07	0.05	0.14	0.03	0.09
GENERAL INTRODUCTORY	MEAN	0.37	0.17	0.36	0.15	0.39	0.20
	S.E.	0.02	0.03	0.02	0.03	0.01	0.04
AGRICULTURE	MEAN	0.16	0.02	0.19	0.01	0.18	0.04
	S.E.	0.02	0.01	0.03	0.01	0.01	0.02
BUSINESS	MEAN	0.60	0.43	0.71	0.43	0.81	0.55
	S.E.	0.03	0.06	0.03	0.07	0.02	0.04
MARKETING AND DISTRIBUTION	MEAN	0.09	0.01	0.11	0.01	0.09	0.03
	S.E.	0.01	0.00	0.01	0.01	0.01	0.01
HEALTH AND HUMAN SERVICES	MEAN	0.02	0.01	0.05	0.01	0.04	0.02
	S.E.	0.00	0.01	0.01	0.00	0.00	0.01
OCCUPATIONAL HOME ECONOMICS	MEAN	0.10	0.01	0.11	0.00	0.10	0.03
	S.E.	0.01	0.00	0.01	0.00	0.01	0.01
TRADE AND INDUSTRY	MEAN	0.48	0.07	0.60	0.17	0.65	0.18
	S.E.	0.03	0.02	0.03	0.08	0.02	0.04
TECHNICAL	MEAN	0.02	0.00	0.01	0.01	0.01	0.01
	S.E.	0.00	0.00	0.00	0.00	0.00	0.00

Table 19. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by School Type (Public/Nonpublic) in 1990, 1987, and 1982 (Continued)

SUBJECT FIELD		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
VISUAL AND PERFORMING ARTS	MEAN	1.56	1.29	1.44	1.26	1.42	1.20
	S.E.	0.04	0.07	0.04	0.13	0.03	0.10
PHYSICAL ED, HEALTH, & SPORTS	MEAN	2.07	1.39	2.06	1.08	1.98	1.50
	S.E.	0.06	0.13	0.07	0.11	0.03	0.08
OTHER PERSONAL AND SOCIAL DEV	MEAN	0.83	0.61	0.80	0.47	0.81	0.52
	S.E.	0.04	0.08	0.03	0.09	0.02	0.04
RELIGION/THEOLOGY	MEAN	0.02	2.42	0.01	2.46	0.02	1.92
	S.E.	0.00	0.22	0.00	0.19	0.00	0.25
ALL COURSES OTHER THAN ABOVE	MEAN	0.20	0.13	0.13	0.03	0.15	0.07
	S.E.	0.02	0.06	0.01	0.01	0.01	0.03

Table 20. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Region in 1990, 1987, and 1982

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
SUBJECT FIELD		NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST
ENGLISH	MEAN	4.16	4.19	3.86	4.16	4.12	4.10	3.87	4.07	3.91	3.92	3.63	3.73
	S.E.	0.08	0.02	0.09	0.11	0.05	0.03	0.04	0.03	0.06	0.03	0.04	0.05
HISTORY	MEAN	2.50	1.85	1.72	2.02	2.37	1.83	1.62	1.89	1.98	1.64	1.56	1.56
	S.E.	0.09	0.05	0.06	0.07	0.06	0.03	0.04	0.05	0.05	0.03	0.02	0.05
SOCIAL STUDIES OTHER THAN HIST	MEAN	1.11	1.56	1.61	1.54	1.19	1.47	1.54	1.47	1.25	1.35	1.53	1.60
	S.E.	0.06	0.05	0.06	0.07	0.12	0.06	0.08	0.09	0.05	0.04	0.04	0.05
MATHEMATICS	MEAN	3.26	3.21	2.87	3.08	3.22	2.99	2.75	2.99	2.75	2.53	2.42	2.45
	S.E.	0.04	0.04	0.09	0.04	0.08	0.04	0.07	0.04	0.06	0.04	0.04	0.04
COMPUTER SCIENCE/PROG/DATA PROC	MEAN	0.53	0.53	0.41	0.37	0.49	0.40	0.46	0.37	0.15	0.07	0.14	0.09
	S.E.	0.04	0.03	0.05	0.02	0.04	0.03	0.03	0.02	0.01	0.01	0.02	0.01
SCIENCE	MEAN	3.15	2.94	2.58	2.60	2.95	2.61	2.37	2.47	2.55	2.19	2.05	1.91
	S.E.	0.04	0.05	0.06	0.04	0.13	0.04	0.11	0.07	0.06	0.02	0.04	0.05
FOREIGN LANGUAGES	MEAN	2.11	1.39	1.46	1.72	2.15	1.19	1.24	1.44	1.64	0.77	0.86	1.11
	S.E.	0.06	0.06	0.10	0.08	0.13	0.07	0.08	0.08	0.08	0.05	0.03	0.06
NON-OCC SPECIFIC VOC ED	MEAN	1.23	1.65	1.69	1.31	1.24	1.75	1.84	1.61	1.51	1.91	2.01	1.87
	S.E.	0.09	0.07	0.07	0.06	0.08	0.09	0.13	0.07	0.06	0.06	0.06	0.07
GENERAL INTRODUCTORY	MEAN	0.31	0.42	0.37	0.24	0.26	0.33	0.45	0.28	0.30	0.41	0.44	0.25
	S.E.	0.03	0.04	0.05	0.03	0.03	0.03	0.05	0.02	0.03	0.02	0.02	0.03
AGRICULTURE	MEAN	0.09	0.21	0.14	0.09	0.05	0.26	0.20	0.11	0.06	0.22	0.21	0.13
	S.E.	0.03	0.04	0.03	0.02	0.02	0.05	0.06	0.01	0.01	0.03	0.03	0.03
BUSINESS	MEAN	0.59	0.57	0.74	0.42	0.73	0.66	0.77	0.54	0.75	0.77	0.88	0.66
	S.E.	0.08	0.03	0.04	0.05	0.08	0.05	0.05	0.05	0.04	0.03	0.04	0.05
MARKETING AND DISTRIBUTION	MEAN	0.05	0.12	0.05	0.06	0.05	0.14	0.10	0.09	0.07	0.10	0.09	0.05
	S.E.	0.01	0.02	0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.01
HEALTH AND HUMAN SERVICES	MEAN	0.01	0.02	0.04	0.01	0.04	0.05	0.05	0.05	0.06	0.04	0.02	0.04
	S.E.	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
OCCUPATIONAL HOME ECONOMICS	MEAN	0.07	0.13	0.09	0.06	0.08	0.12	0.11	0.09	0.06	0.08	0.11	0.13
	S.E.	0.01	0.02	0.01	0.02	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.02
TRADE AND INDUSTRY	MEAN	0.46	0.45	0.51	0.33	0.56	0.57	0.61	0.46	0.59	0.54	0.69	0.56
	S.E.	0.07	0.04	0.03	0.05	0.07	0.09	0.06	0.03	0.05	0.04	0.04	0.05
TECHNICAL	MEAN	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.00	0.02	0.01
	S.E.	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00

Table 20. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Region in 1990, 1987, and 1982 (Continued)

SUBJECT FIELD		1990 GRADUATES NORTH EAST	1990 GRADUATES SOUTH CENTRAL	1990 GRADUATES NORTH CENTRAL	1990 GRADUATES WEST	1987 GRADUATES NORTH EAST	1987 GRADUATES SOUTH CENTRAL	1987 GRADUATES NORTH CENTRAL	1987 GRADUATES WEST	1982 GRADUATES NORTH EAST	1982 GRADUATES SOUTH CENTRAL	1982 GRADUATES NORTH CENTRAL	1982 GRADUATES WEST
VISUAL AND PERFORMING ARTS	MEAN	1.52	1.39	1.63	1.67	1.28	1.25	1.64	1.57	1.20	1.24	1.59	1.62
	S.E.	0.12	0.05	0.08	0.06	0.09	0.07	0.09	0.09	0.07	0.05	0.05	0.04
PHYSICAL ED, HEALTH, & SPORTS	MEAN	2.11	1.99	1.62	2.44	1.56	1.91	1.95	2.60	1.66	2.04	1.66	2.61
	S.E.	0.16	0.07	0.14	0.09	0.16	0.10	0.18	0.04	0.07	0.05	0.05	0.07
OTHER PERSONAL AND SOCIAL DEV	MEAN	0.56	0.69	0.79	1.31	0.49	0.73	0.70	1.31	0.46	0.72	0.71	1.49
	S.E.	0.06	0.06	0.09	0.10	0.06	0.06	0.06	0.07	0.02	0.04	0.03	0.05
RELIGION/THEOLOGY	MEAN	0.41	0.14	0.29	0.18	0.59	0.08	0.26	0.07	0.29	0.16	0.28	0.11
	S.E.	0.10	0.05	0.08	0.06	0.15	0.02	0.08	0.03	0.05	0.04	0.06	0.03
ALL COURSES OTHER THAN ABOVE	MEAN	0.13	0.22	0.19	0.22	0.07	0.19	0.08	0.13	0.11	0.17	0.12	0.15
	S.E.	0.03	0.04	0.03	0.03	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.03

Table 21. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982

COURSES TAKEN		1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ANY ENGLISH (1.00)	PERCENT	99.61	99.85	99.18
	S.E.	0.10	0.04	0.28
ENGLISH 9 (1.00)	PERCENT	87.51	88.84	79.03
	S.E.	1.89	0.98	0.93
ENGLISH 10 (1.00)	PERCENT	80.37	83.31	69.54
	S.E.	2.27	1.76	1.30
ENGLISH 11 (1.00)	PERCENT	66.02	68.19	52.79
	S.E.	2.82	3.13	1.43
ENGLISH 12 (1.00)	PERCENT	55.99	58.11	41.65
	S.E.	2.74	2.75	1.13
AP/HONORS 12TH GRADE ENGLISH (1.00)	PERCENT	10.98	11.55	5.97
	S.E.	0.89	0.81	0.53
ANY REMEDIAL/BELOW GRADE ENG (1.00)	PERCENT	9.60	12.43	14.58
	S.E.	0.86	1.12	0.82
ENGLISH AS A SECOND LANGUAGE (1.00)	PERCENT	2.07	1.21	0.27
	S.E.	0.49	0.20	0.05
ENGLISH 9 + 10 (2.00)	PERCENT	75.00	77.41	61.63
	S.E.	2.60	1.95	1.29
ENGLISH 9 + 10 + 11 (3.00)	PERCENT	58.34	59.33	42.58
	S.E.	2.91	2.96	1.10
ENGLISH 9 + 10 + 11 + 12 (4.00)	PERCENT	46.11	49.08	29.50
	S.E.	2.76	2.76	1.02

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar). Therefore, although it appears that only 46.11 percent of the 1990 graduates took 4 years of English, the actual percentage is significantly higher. Table 70, for example indicates that at least 66.79 percent of 1990 graduates earned 4 or more English credits.

Table 22. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Gender

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
ANY ENGLISH (1.00)	PERCENT	99.72	99.50	99.96	99.73	99.33	99.02
	S.E.	0.07	0.16	0.01	0.07	0.26	0.33
ENGLISH 9 (1.00)	PERCENT	87.90	87.05	89.82	87.93	79.95	78.06
	S.E.	2.05	1.77	0.87	1.20	1.06	1.07
ENGLISH 10 (1.00)	PERCENT	80.82	79.85	83.66	82.98	70.38	68.65
	S.E.	2.42	2.20	1.78	1.84	1.51	1.36
ENGLISH 11 (1.00)	PERCENT	65.32	66.81	68.89	67.66	53.20	52.36
	S.E.	2.90	2.81	3.12	3.28	1.69	1.48
ENGLISH 12 (1.00)	PERCENT	56.44	55.53	59.43	56.90	42.48	40.77
	S.E.	2.80	2.78	2.68	2.97	1.46	1.19
AP/HONORS 12TH GRADE ENGLISH (1.00)	PERCENT	12.80	9.00	13.28	9.71	7.10	4.77
	S.E.	1.02	0.83	0.96	0.77	0.78	0.41
ANY REMEDIAL/BELOW GRADE ENG (1.00)	PERCENT	8.27	11.07	10.89	14.02	12.84	16.45
	S.E.	0.79	1.03	1.08	1.35	0.95	0.90
ENGLISH AS A SECOND LANGUAGE (1.00)	PERCENT	2.07	2.06	1.15	1.27	0.22	0.31
	S.E.	0.53	0.48	0.24	0.20	0.06	0.09
ENGLISH 9 + 10 (2.00)	PERCENT	75.65	74.24	78.15	76.71	62.31	60.92
	S.E.	2.73	2.55	1.89	2.13	1.50	1.38
ENGLISH 9 + 10 + 11 (3.00)	PERCENT	58.15	58.56	60.41	58.43	43.02	42.11
	S.E.	2.99	2.92	2.81	3.25	1.34	1.27
ENGLISH 9 + 10 + 11 + 12 (4.00)	PERCENT	46.19	46.04	50.70	47.57	30.22	28.74
	S.E.	2.84	2.78	2.62	3.03	1.28	1.17

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).

Table 23. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Race/Ethnicity

		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
COURSES TAKEN		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
ANY ENGLISH (1.00)	PERCENT	99.69	99.03	99.68	99.91	100.00	99.85	99.86	99.66	99.76	100.00	99.70	100.00	99.38	98.38	98.52	99.26	99.56
	S.E.	0.08	0.59	0.17	0.11	0.00	0.15	0.04	0.22	0.21	0.00	0.31	0.00	0.27	0.81	0.62	0.53	0.46
ENGLISH 9 (1.00)	PERCENT	88.93	83.79	82.48	81.38	88.49	89.46	90.54	87.58	80.77	81.48	87.25	84.67	80.69	72.33	75.77	74.10	74.36
	S.E.	2.25	3.06	2.40	3.88	3.40	3.34	1.13	2.49	1.76	3.62	3.02	4.73	1.13	2.77	1.48	4.96	5.10
ENGLISH 10 (1.00)	PERCENT	81.45	80.62	73.44	75.05	78.87	77.83	85.03	81.62	73.72	79.91	82.55	79.34	69.78	67.72	70.35	70.08	65.46
	S.E.	2.66	3.40	2.39	6.35	4.55	6.57	2.07	2.74	2.73	3.33	2.57	7.72	1.53	2.80	1.84	3.24	4.86
ENGLISH 11 (1.00)	PERCENT	66.60	68.78	59.10	60.88	64.77	63.79	68.34	72.35	61.86	68.49	69.33	65.56	50.97	60.63	57.09	55.24	53.93
	S.E.	3.27	4.12	4.70	4.57	5.40	9.44	3.65	3.03	6.68	4.81	2.35	10.04	1.44	3.40	1.63	4.66	4.33
ENGLISH 12 (1.00)	PERCENT	55.69	63.14	51.43	47.97	57.82	52.07	58.91	65.49	52.11	57.68	63.84	44.80	39.68	55.05	43.34	37.20	38.35
	S.E.	3.18	4.18	4.36	4.67	7.42	6.68	3.16	2.81	4.60	6.14	2.96	8.81	1.19	3.09	1.97	3.16	4.05
AP/HONORS 12TH GRADE ENGLISH (1.00)	PERCENT	11.64	7.38	8.12	17.57	8.89	11.44	12.17	6.04	9.07	32.77	3.80	10.11	6.84	3.44	2.75	8.06	3.44
	S.E.	1.00	1.06	1.18	3.85	2.81	3.72	0.79	0.70	2.15	7.04	1.39	1.32	0.64	0.84	0.51	1.71	1.53
ANY REMEDIAL/BELOW GRADE ENG (1.00)	PERCENT	6.80	18.03	20.85	15.04	8.62	4.83	9.41	24.22	22.76	9.98	17.55	13.88	12.39	21.01	20.45	14.86	29.39
	S.E.	0.80	2.01	3.51	1.76	2.14	1.63	1.12	2.62	2.01	1.81	2.37	2.17	0.92	1.95	1.46	1.64	4.97
ENGLISH AS A SECOND LANGUAGE (1.00)	PERCENT	0.25	1.45	14.63	14.63	3.66	1.57	0.13	1.08	9.44	12.83	2.46	0.54	0.03	0.01	1.45	4.91	0.70
	S.E.	0.10	0.79	3.91	4.49	1.14	0.65	0.05	0.63	1.96	2.91	1.21	0.28	0.02	0.02	0.35	1.71	0.38
ENGLISH 9 + 10 (2.00)	PERCENT	76.29	74.90	66.64	67.89	75.21	74.14	79.48	74.74	65.36	73.63	76.84	73.85	62.67	56.30	61.05	56.30	58.36
	S.E.	3.14	3.51	2.74	6.36	4.41	6.74	2.34	3.22	3.07	4.26	2.69	7.96	1.60	2.45	1.91	5.01	4.96
ENGLISH 9 + 10 + 11 (3.00)	PERCENT	59.62	60.52	47.44	50.97	57.50	54.91	60.50	59.93	48.26	58.55	59.42	57.05	42.30	44.24	44.64	36.43	37.53
	S.E.	3.46	3.89	4.00	4.60	5.62	10.94	3.41	3.87	6.08	5.15	2.35	11.03	1.18	3.02	2.02	5.06	5.59
ENGLISH 9 + 10 + 11 + 12 (4.00)	PERCENT	46.80	50.44	37.69	36.12	47.45	43.19	50.15	54.71	39.34	47.93	46.68	39.97	28.79	36.05	30.32	23.40	21.74
	S.E.	3.21	4.13	4.34	4.26	6.97	7.52	3.17	3.41	3.79	6.45	2.54	9.16	1.04	3.49	1.91	3.09	3.79

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).

Table 24. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Student Program

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
ANY ENGLISH (1.00)	PERCENT	99.97	98.81	100.00	97.94	100.00	99.72	100.00	99.37	100.00	99.47	100.00	97.94
	S.E.	0.04	0.57	0.00	0.68	0.00	0.09	0.00	0.21	0.00	0.28	0.00	0.76
ENGLISH 9 (1.00)	PERCENT	91.11	84.11	85.37	72.16	91.86	86.18	92.89	79.01	86.46	79.51	84.89	69.10
	S.E.	1.12	3.05	2.61	6.37	1.22	1.87	1.16	1.98	0.91	1.71	2.85	1.75
ENGLISH 10 (1.00)	PERCENT	83.47	76.07	83.06	64.68	86.79	80.89	88.08	71.42	74.15	69.53	76.89	62.98
	S.E.	2.05	3.60	2.10	4.75	2.01	2.18	1.78	2.63	1.69	2.11	2.88	1.88
ENGLISH 11 (1.00)	PERCENT	69.69	57.23	73.92	46.06	69.77	67.01	77.51	59.57	55.42	56.83	62.33	46.22
	S.E.	2.81	4.31	2.73	4.59	3.36	4.18	3.71	4.24	1.80	2.63	3.47	1.81
ENGLISH 12 (1.00)	PERCENT	61.62	35.83	67.30	29.90	63.68	47.81	69.54	42.06	50.71	36.73	56.06	31.19
	S.E.	2.74	4.76	2.78	3.14	3.13	3.27	3.78	3.38	1.76	2.12	2.89	1.49
AP/HONORS 12TH GRADE ENGLISH (1.00)	PERCENT	14.84	0.19	4.39	1.88	17.15	2.10	6.19	2.48	10.67	2.12	3.65	2.70
	S.E.	1.07	0.14	0.65	0.67	1.25	0.57	0.97	0.63	0.99	0.62	0.80	0.42
ANY REMEDIAL/BELOW GRADE ENG (1.00)	PERCENT	7.59	17.22	13.44	12.86	8.73	19.52	18.13	16.80	11.52	17.69	15.61	16.51
	S.E.	0.67	3.34	1.86	1.85	1.00	2.30	2.94	1.47	1.15	1.71	3.06	0.87
ENGLISH AS A SECOND LANGUAGE (1.00)	PERCENT	2.46	0.57	2.00	0.93	1.48	0.28	1.28	0.97	0.34	0.09	0.22	0.27
	S.E.	0.61	0.57	0.80	0.41	0.28	0.10	0.27	0.24	0.09	0.05	0.15	0.08
ENGLISH 9 + 10 (2.00)	PERCENT	79.17	68.83	76.56	55.63	82.17	72.99	84.09	61.92	68.71	61.80	71.41	51.69
	S.E.	2.22	4.33	2.93	5.65	2.26	2.50	2.01	3.12	1.69	2.16	3.00	1.77
ENGLISH 9 + 10 + 11 (3.00)	PERCENT	63.25	46.90	64.26	34.93	63.35	55.49	70.41	43.82	48.15	45.09	52.67	33.19
	S.E.	2.86	4.36	3.07	4.48	3.40	3.56	3.73	3.59	1.67	2.01	3.34	1.47
ENGLISH 9 + 10 + 11 + 12 (4.00)	PERCENT	52.10	26.59	54.34	20.02	54.86	38.98	62.07	31.45	38.04	26.88	42.90	18.66
	S.E.	2.72	4.02	3.01	3.33	3.30	3.17	3.71	2.99	1.50	1.78	3.14	1.09

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).

Table 25. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990 and 1987 by Community Type

COURSES TAKEN		1990 GRADUATES BIG CITY	1990 GRADUATES URBAN FRINGE	1990 GRADUATES MEDIUM CITY	1990 GRADUATES SMALL PLACE	1987 GRADUATES BIG CITY	1987 GRADUATES URBAN FRINGE	1987 GRADUATES MEDIUM CITY	1987 GRADUATES SMALL PLACE
ANY ENGLISH (1.00)	PERCENT	99.53	99.76	99.79	99.52	99.90	99.71	99.86	99.92
	S.E.	0.19	0.11	0.11	0.20	0.06	0.10	0.07	0.03
ENGLISH 9 (1.00)	PERCENT	85.21	87.34	94.86	86.46	84.43	84.96	88.32	93.19
	S.E.	2.69	2.62	1.13	3.63	3.37	1.59	3.69	1.15
ENGLISH 10 (1.00)	PERCENT	75.88	77.50	81.72	82.96	78.07	82.28	84.53	85.35
	S.E.	4.70	4.09	4.65	3.61	2.75	2.75	3.20	3.34
ENGLISH 11 (1.00)	PERCENT	57.85	68.09	57.97	69.31	62.70	62.42	72.93	72.30
	S.E.	6.38	5.52	6.66	3.97	6.15	4.88	6.48	5.07
ENGLISH 12 (1.00)	PERCENT	54.46	47.96	58.77	60.17	51.54	56.36	59.52	61.05
	S.E.	7.37	5.80	5.62	4.35	4.39	4.16	8.24	4.67
AP/HONORS 12TH GRADE ENGLISH (1.00)	PERCENT	12.40	12.84	14.02	8.78	9.54	14.39	11.26	10.39
	S.E.	1.72	1.84	2.21	1.32	1.66	2.17	1.48	1.07
ANY REMEDIAL/BELOW GRADE ENG (1.00)	PERCENT	13.98	12.13	10.89	6.59	19.36	11.18	12.01	11.08
	S.E.	2.19	1.95	3.08	1.04	1.57	1.52	2.08	2.33
ENGLISH AS A SECOND LANGUAGE (1.00)	PERCENT	7.40	2.57	0.67	0.55	4.37	1.19	0.80	0.29
	S.E.	2.78	0.66	0.41	0.26	1.11	0.25	0.24	0.10
ENGLISH 9 + 10 (2.00)	PERCENT	69.75	71.25	79.01	77.63	71.43	74.80	76.48	81.57
	S.E.	4.67	5.13	4.53	4.16	3.34	3.60	3.91	3.32
ENGLISH 9 + 10 + 11 (3.00)	PERCENT	48.38	58.88	52.52	62.45	52.40	52.71	61.63	65.38
	S.E.	5.44	5.84	6.43	4.19	4.88	4.30	6.02	5.08
ENGLISH 9 + 10 + 11 + 12 (4.00)	PERCENT	39.74	40.58	44.69	51.39	43.30	44.72	50.94	53.37
	S.E.	5.92	5.78	5.55	4.43	4.34	4.15	7.91	4.62

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).

Table 26. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ANY ENGLISH (1.00)	PERCENT	99.60	99.76	99.83	100.00	99.09	99.97
	S.E.	0.11	0.26	0.04	0.00	0.32	0.03
ENGLISH 9 (1.00)	PERCENT	86.98	92.64	88.37	93.29	78.30	85.17
	S.E.	2.08	2.05	1.08	2.38	0.95	3.91
ENGLISH 10 (1.00)	PERCENT	80.86	75.65	82.08	94.88	69.06	73.54
	S.E.	2.41	4.00	1.94	2.07	1.40	4.93
ENGLISH 11 (1.00)	PERCENT	65.55	70.56	67.99	70.07	52.08	58.75
	S.E.	3.07	4.87	3.42	8.93	1.57	4.86
ENGLISH 12 (1.00)	PERCENT	55.06	65.06	56.61	72.29	41.08	46.44
	S.E.	3.05	5.92	2.91	8.62	1.19	4.02
AP/HONORS 12TH GRADE ENGLISH (1.00)	PERCENT	11.18	8.99	11.01	16.62	5.71	8.21
	S.E.	0.98	1.68	0.75	3.37	0.55	1.71
ANY REMEDIAL/BELOW GRADE ENG (1.00)	PERCENT	9.83	7.33	13.12	5.89	15.58	6.26
	S.E.	0.96	1.28	1.24	1.74	0.92	1.17
ENGLISH AS A SECOND LANGUAGE (1.00)	PERCENT	2.23	0.51	1.30	0.34	0.29	0.02
	S.E.	0.55	0.26	0.21	0.36	0.06	0.01
ENGLISH 9 + 10 (2.00)	PERCENT	75.26	72.47	75.90	91.68	60.79	68.73
	S.E.	2.78	4.13	2.14	2.74	1.33	5.19
ENGLISH 9 + 10 + 11 (3.00)	PERCENT	57.87	62.92	58.67	65.55	41.78	49.27
	S.E.	3.17	4.59	3.15	9.13	1.24	4.76
ENGLISH 9 + 10 + 11 + 12 (4.00)	PERCENT	45.29	54.11	48.01	59.18	28.58	37.24
	S.E.	3.11	5.55	2.85	9.21	1.09	3.94

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).

Table 27. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Region

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST
ANY ENGLISH (1.00)	PERCENT	99.48	99.53	99.79	99.65	99.83	99.92	99.81	99.79	98.00	99.58	99.26	99.93
	S.E.	0.23	0.26	0.09	0.13	0.09	0.03	0.09	0.10	1.02	0.21	0.54	0.05
ENGLISH 9 (1.00)	PERCENT	92.40	85.78	84.37	89.41	92.92	92.11	85.16	84.15	84.66	81.01	74.54	75.41
	S.E.	1.98	2.76	5.92	1.52	1.79	1.44	2.09	2.39	1.21	1.92	2.13	2.35
ENGLISH 10 (1.00)	PERCENT	83.83	85.35	70.82	81.24	83.25	90.52	78.08	79.47	74.80	78.89	60.09	61.32
	S.E.	3.96	2.77	6.80	3.86	5.56	1.56	2.56	3.90	2.06	2.30	2.94	3.90
ENGLISH 11 (1.00)	PERCENT	68.20	83.15	48.78	58.14	67.24	85.70	52.63	64.46	60.23	71.00	35.70	38.33
	S.E.	5.48	2.80	7.67	6.71	10.64	1.36	6.33	6.32	2.28	2.78	2.96	2.60
ENGLISH 12 (1.00)	PERCENT	64.29	78.00	29.93	45.29	61.59	80.49	38.60	47.00	54.03	63.86	18.95	22.71
	S.E.	4.00	3.61	6.03	6.58	10.02	2.32	3.33	7.94	3.19	2.12	1.89	1.70
AP/HONORS 12TH GRADE ENGLISH (1.00)	PERCENT	10.90	13.33	8.24	10.80	9.89	12.83	9.91	14.02	8.40	6.35	3.28	6.67
	S.E.	1.60	1.31	2.17	2.22	1.65	1.46	0.96	3.13	1.42	0.91	0.58	1.15
ANY REMEDIAL/BELOW GRADE ENG (1.00)	PERCENT	9.31	8.17	9.00	13.15	12.13	14.29	10.78	12.28	13.71	15.41	11.26	20.19
	S.E.	2.36	1.27	1.55	2.33	2.46	2.98	1.15	1.83	1.90	1.22	1.50	2.34
ENGLISH AS A SECOND LANGUAGE (1.00)	PERCENT	2.23	1.10	0.40	5.80	1.31	0.54	0.34	3.60	0.35	0.19	0.05	0.68
	S.E.	0.89	0.44	0.24	2.24	0.44	0.11	0.14	0.86	0.11	0.06	0.03	0.23
ENGLISH 9 + 10 (2.00)	PERCENT	79.34	79.40	65.51	75.81	80.25	85.21	71.25	70.51	69.25	70.15	52.07	51.86
	S.E.	4.09	3.13	7.87	4.25	5.70	1.60	3.16	5.54	1.83	2.15	3.24	3.63
ENGLISH 9 + 10 + 11 (3.00)	PERCENT	61.04	74.99	40.95	50.94	62.28	76.58	43.62	51.47	50.74	58.16	27.99	27.61
	S.E.	4.98	1.08	7.84	6.45	10.65	2.04	4.39	8.15	1.94	2.62	2.36	2.04
ENGLISH 9 + 10 + 11 + 12 (4.00)	PERCENT	53.39	69.00	20.79	34.01	53.04	71.11	29.51	38.08	39.91	47.64	11.47	12.70
	S.E.	5.34	2.69	6.60	5.85	10.28	2.27	3.48	8.05	2.03	2.65	1.58	1.17

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).

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Table 28. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982

COURSES TAKEN		1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ANY SOCIAL STUDIES (1.00)	PERCENT	99.81	99.79	99.10
	S.E.	0.10	0.06	0.20
ANY HISTORY (1.00)	PERCENT	97.56	98.64	92.90
	S.E.	0.73	0.20	0.52
U. S. HISTORY (1.00)	PERCENT	87.11	87.37	76.05
	S.E.	1.86	2.02	1.19
AP/HONORS AMERICAN HISTORY (1.00)	PERCENT	4.89	2.85	1.87
	S.E.	0.72	0.31	0.28
WORLD HISTORY (1.00)	PERCENT	51.19	43.79	33.35
	S.E.	2.62	2.26	1.15
AP/HONORS WORLD HISTORY (1.00)	PERCENT	0.35	0.33	0.39
	S.E.	0.17	0.10	0.11
NON-WESTERN HISTORY (0.50)	PERCENT	7.81	8.75	7.25
	S.E.	1.81	2.12	0.63
WESTERN HISTORY/CIVILIZATION (0.50)	PERCENT	10.32	9.74	11.27
	S.E.	1.57	2.01	1.00
REMEDIAL/BELOW GRADE HIST (1.00)	PERCENT	2.87	3.51	1.64
	S.E.	0.85	0.67	0.32
CIVICS/AMERICAN POLITICS (0.50)	PERCENT	75.01	69.55	57.42
	S.E.	1.93	2.32	1.43
INTERNATIONAL POLITICS (0.50)	PERCENT	8.36	7.42	6.43
	S.E.	1.16	1.58	0.76
ECONOMICS (0.50)	PERCENT	47.71	33.90	26.60
	S.E.	3.47	3.02	1.29
GEOGRAPHY (0.50)	PERCENT	21.26	15.21	16.05
	S.E.	1.78	1.63	0.89
SOCIOLOGY/PSYCHOLOGY (0.50)	PERCENT	32.86	33.72	31.21
	S.E.	1.73	1.43	1.02
WORLD HIST+U.S. HIST (2.00)	PERCENT	45.26	39.21	26.43
	S.E.	2.64	2.33	1.07
WORLD HIST+U.S. HIST+CIVICS (2.50)	PERCENT	36.52	28.46	15.73
	S.E.	2.71	2.18	0.85
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)	PERCENT	1.73	1.39	0.62
	S.E.	0.47	0.27	0.14

Table 29. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Gender

COURSES TAKEN		1990 GRADUATES FEMALE	1990 GRADUATES MALE	1987 GRADUATES FEMALE	1987 GRADUATES MALE	1982 GRADUATES FEMALE	1982 GRADUATES MALE
ANY SOCIAL STUDIES (1.00)	PERCENT	99.85	99.75	99.80	99.77	99.26	98.93
	S.E.	0.09	0.12	0.07	0.07	0.17	0.26
ANY HISTORY (1.00)	PERCENT	97.60	97.50	98.81	98.48	93.08	92.70
	S.E.	0.67	0.80	0.21	0.23	0.65	0.59
U. S. HISTORY (1.00)	PERCENT	87.60	86.54	87.21	87.49	75.85	76.26
	S.E.	1.83	1.94	2.08	2.08	1.32	1.25
AP/HONORS AMERICAN HISTORY (1.00)	PERCENT	5.23	4.54	2.52	3.17	2.09	1.65
	S.E.	0.77	0.71	0.32	0.38	0.36	0.31
WORLD HISTORY (1.00)	PERCENT	50.89	51.47	43.25	44.51	34.01	32.65
	S.E.	2.60	2.75	2.41	2.33	1.28	1.27
AP/HONORS WORLD HISTORY (1.00)	PERCENT	0.42	0.28	0.42	0.23	0.44	0.34
	S.E.	0.17	0.17	0.12	0.08	0.16	0.11
NON-WESTERN HISTORY (0.50)	PERCENT	7.57	8.08	8.01	9.55	7.31	7.18
	S.E.	1.75	1.91	1.99	2.35	0.74	0.67
WESTERN HISTORY/CIVILIZATION (0.50)	PERCENT	10.21	10.46	9.43	9.97	11.53	11.00
	S.E.	1.50	1.70	1.89	2.16	1.09	1.04
REMEDIAL/BELOW GRADE HIST (1.00)	PERCENT	2.32	3.49	3.17	3.89	1.28	2.03
	S.E.	0.82	0.91	0.67	0.71	0.30	0.43
CIVICS/AMERICAN POLITICS (0.50)	PERCENT	74.85	75.14	70.72	68.54	56.78	58.10
	S.E.	2.02	1.97	2.38	2.40	1.48	1.69
INTERNATIONAL POLITICS (0.50)	PERCENT	8.22	8.53	7.11	7.79	5.83	7.06
	S.E.	1.20	1.22	1.68	1.53	0.75	0.89
ECONOMICS (0.50)	PERCENT	47.24	48.15	33.37	34.55	26.32	26.90
	S.E.	3.59	3.42	2.98	3.16	1.46	1.36
GEOGRAPHY (0.50)	PERCENT	20.69	21.92	14.40	16.08	14.73	17.45
	S.E.	1.87	1.76	1.66	1.71	0.98	1.06
SOCIOLOGY/PSYCHOLOGY (0.50)	PERCENT	38.01	27.26	39.78	27.27	35.98	26.12
	S.E.	1.79	1.86	1.75	1.39	1.28	1.08
WORLD HIST+U.S. HIST (2.00)	PERCENT	44.90	45.59	38.07	40.53	27.09	25.74
	S.E.	2.65	2.72	2.39	2.38	1.26	1.14
WORLD HIST+U.S. HIST+CIVICS (2.50)	PERCENT	36.33	36.66	28.04	29.01	16.08	15.36
	S.E.	2.70	2.79	2.16	2.31	0.99	0.90

Table 29. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Gender (Continued)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)	PERCENT	1.75	1.71	1.26	1.53	0.76	0.48
	S.E.	0.49	0.47	0.28	0.28	0.20	0.10

Table 30. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Race/Ethnicity

		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
COURSES TAKEN		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
ANY SOCIAL STUDIES (1.00)	PERCENT	99.77	99.89	99.86	100.00	100.00	99.85	99.81	99.71	99.55	99.92	100.00	99.84	99.39	98.39	97.85	98.56	99.47
	S.E.	0.14	0.08	0.14	0.00	0.00	0.15	0.08	0.29	0.22	0.10	0.00	0.17	0.16	0.74	0.62	0.67	0.47
ANY HISTORY (1.00)	PERCENT	97.15	98.42	98.57	99.40	99.74	98.01	98.85	97.60	97.82	98.75	98.45	98.97	93.16	92.63	90.76	94.12	95.17
	S.E.	0.99	0.75	0.63	0.32	0.27	0.98	0.18	1.20	0.42	0.55	0.52	0.40	0.55	1.58	1.12	1.45	1.47
U. S. HISTORY (1.00)	PERCENT	87.45	87.34	86.57	77.81	81.20	90.68	89.09	82.45	92.59	92.45	90.92	73.52	75.93	77.71	75.28	73.74	77.62
	S.E.	2.07	2.99	3.79	9.03	7.44	3.74	1.43	4.07	1.39	2.32	2.46	13.98	1.31	2.88	1.69	4.28	3.73
AP/HONORS AMERICAN HISTORY (1.00)	PERCENT	5.19	2.70	2.82	10.78	5.55	5.90	2.65	1.94	2.10	14.49	1.75	2.84	2.09	1.42	0.96	3.41	0.25
	S.E.	0.78	0.55	0.72	2.41	1.64	2.43	0.34	0.52	0.38	3.41	1.10	0.90	0.32	0.68	0.34	1.07	0.21
WORLD HISTORY (1.00)	PERCENT	47.55	58.56	67.19	64.25	45.63	50.84	44.55	46.74	45.38	46.45	33.28	32.28	33.22	33.42	33.85	34.86	34.31
	S.E.	2.63	4.72	4.84	8.32	8.55	11.56	2.70	4.46	4.43	4.57	4.69	5.27	1.35	2.34	1.59	3.54	5.08
AP/HONORS WORLD HISTORY (1.00)	PERCENT	0.45	0.02	0.19	0.48	0.22	0.00	0.32	0.33	0.54	1.34	0.00	0.00	0.44	0.21	0.25	0.84	0.00
	S.E.	0.22	0.02	0.14	0.42	0.23	0.00	0.09	0.09	0.46	0.88	0.00	0.00	0.15	0.15	0.12	0.59	0.00
NON-WESTERN HISTORY (0.50)	PERCENT	8.00	2.34	6.79	9.22	13.89	24.99	7.68	4.67	6.09	5.94	5.45	27.11	7.27	8.15	5.72	8.10	9.38
	S.E.	2.12	1.13	1.97	2.03	4.65	15.52	1.75	1.78	1.36	1.92	2.57	10.33	0.82	1.68	0.69	2.86	2.90
WESTERN HISTORY/CIVILIZATION (0.50)	PERCENT	11.18	2.75	10.02	10.06	18.67	21.21	8.18	5.16	9.13	16.15	6.61	28.49	12.43	7.31	7.67	10.24	9.57
	S.E.	1.66	0.64	3.36	3.46	6.29	13.60	1.64	1.48	3.21	3.92	2.28	11.74	1.21	1.18	0.94	2.29	3.11
REMEDIAL/BELOW GRADE HIST (1.00)	PERCENT	2.81	3.23	4.31	1.26	3.08	1.16	3.02	5.76	6.84	2.70	6.31	1.88	1.57	1.53	1.90	1.54	3.56
	S.E.	1.04	0.84	1.35	0.45	2.57	0.67	0.87	1.26	1.15	0.81	1.97	0.71	0.34	0.48	0.54	0.77	2.25
CIVICS/AMERICAN POLITICS (0.50)	PERCENT	74.07	75.34	82.61	76.29	74.58	75.11	69.96	71.98	85.07	78.14	75.68	47.20	56.88	55.44	62.04	68.15	55.03
	S.E.	1.87	4.17	4.12	6.90	4.81	8.41	2.77	4.57	2.20	8.06	3.85	6.79	1.58	2.46	1.96	4.42	4.57
INTERNATIONAL POLITICS (0.50)	PERCENT	9.88	3.50	3.75	7.16	6.14	7.49	8.17	3.53	2.17	7.75	4.25	10.83	6.96	4.27	5.05	8.00	4.68
	S.E.	1.37	0.67	0.98	2.36	2.29	2.83	1.82	1.51	0.46	5.42	2.11	4.78	0.85	1.20	0.84	2.61	1.76
ECONOMICS (0.50)	PERCENT	43.20	59.79	62.93	52.96	36.54	57.47	32.84	41.19	46.13	44.66	16.13	22.00	26.80	28.59	24.03	16.56	29.77
	S.E.	3.62	4.68	6.30	8.82	7.20	10.92	3.57	6.03	5.95	7.65	4.80	3.99	1.47	2.66	1.65	2.65	4.46
GEOGRAPHY (0.50)	PERCENT	22.12	23.12	13.59	19.23	29.21	13.27	15.57	21.20	13.92	14.43	10.76	5.34	15.40	16.54	17.80	18.91	25.43
	S.E.	1.94	3.27	1.94	4.89	5.91	4.35	1.72	4.68	2.50	4.41	3.17	1.34	0.96	1.64	1.62	2.54	7.23
SOCIOLOGY/PSYCHOLOGY (0.50)	PERCENT	35.46	24.02	23.11	32.10	23.59	37.59	35.70	24.96	23.61	27.86	19.29	40.48	33.27	23.52	25.08	30.93	29.07
	S.E.	1.89	2.41	2.58	10.37	3.67	5.79	1.80	2.05	2.70	2.85	4.09	3.79	1.20	1.92	1.33	3.06	4.31
WORLD HIST+U.S. HIST (2.00)	PERCENT	42.43	52.38	58.98	46.59	32.82	47.08	40.02	40.36	43.49	43.19	30.56	27.11	26.01	28.78	26.73	24.48	29.38
	S.E.	2.71	4.92	5.28	4.19	7.45	11.18	2.51	5.40	4.41	5.38	4.56	6.51	1.32	2.31	1.55	4.93	5.30
WORLD HIST+U.S. HIST+CIVICS (2.50)	PERCENT	33.97	41.35	53.97	35.43	26.22	35.41	28.69	28.87	38.47	36.39	19.56	16.82	15.11	17.56	17.88	14.95	17.75
	S.E.	2.78	4.93	5.42	8.04	7.12	8.61	2.42	4.44	4.29	6.06	3.34	6.44	1.03	2.23	1.18	3.61	4.36

Table 30. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Race/Ethnicity (Continued)

		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
COURSES TAKEN		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)	PERCENT	1.91	1.09	1.90	2.10	0.00	0.04	1.59	1.04	0.83	0.44	0.85	0.93	0.62	0.21	1.05	0.86	0.38
	S.E.	0.58	0.43	0.60	0.87	0.00	0.04	0.32	0.59	0.28	0.42	0.36	0.81	0.14	0.11	0.61	0.49	0.26

Table 31. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Student Program

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
ANY SOCIAL STUDIES (1.00)	PERCENT	99.86	99.71	100.00	99.42	100.00	99.73	100.00	99.03	99.96	99.74	100.00	97.63
	S.E.	0.14	0.20	0.00	0.22	0.00	0.22	0.00	0.30	0.04	0.11	0.00	0.59
ANY HISTORY (1.00)	PERCENT	98.49	92.40	99.15	94.50	99.54	97.81	99.48	95.91	95.53	92.23	97.23	89.45
	S.E.	0.49	3.27	0.65	1.21	0.15	0.60	0.34	0.56	0.63	0.89	0.82	0.92
U. S. HISTORY (1.00)	PERCENT	88.12	84.11	90.01	81.41	88.29	87.03	85.38	85.49	77.27	76.71	80.78	73.55
	S.E.	1.93	3.73	2.31	2.25	2.08	2.61	3.78	1.64	1.47	1.74	2.10	1.71
AP/HONORS AMERICAN HISTORY (1.00)	PERCENT	6.71	0.57	1.44	0.45	4.45	0.22	0.86	0.42	3.01	0.60	0.57	1.36
	S.E.	0.99	0.55	0.40	0.14	0.44	0.14	0.34	0.22	0.40	0.30	0.31	0.35
WORLD HISTORY (1.00)	PERCENT	56.13	26.64	57.35	35.01	49.21	34.06	51.77	29.38	41.18	27.43	46.56	25.01
	S.E.	2.64	3.30	4.70	3.27	2.10	3.86	3.51	3.09	1.67	1.85	3.52	1.33
AP/HONORS WORLD HISTORY (1.00)	PERCENT	0.48	0.00	0.16	0.04	0.50	0.03	0.14	0.08	0.71	0.00	0.14	0.24
	S.E.	0.23	0.00	0.15	0.04	0.16	0.03	0.12	0.06	0.21	0.00	0.10	0.12
NON-WESTERN HISTORY (0.50)	PERCENT	8.96	4.11	7.98	3.77	10.05	5.44	6.91	7.74	9.54	4.84	10.41	5.24
	S.E.	2.11	1.42	2.27	1.41	2.46	2.48	3.24	2.10	0.79	1.00	2.51	0.93
WESTERN HISTORY/CIVILIZATION (0.50)	PERCENT	12.17	3.88	8.16	5.93	12.42	4.96	7.46	5.49	16.70	7.00	10.77	7.05
	S.E.	1.74	1.66	2.01	2.05	2.39	2.14	2.90	0.98	1.65	0.87	1.86	0.96
REMEDIAL/BELOW GRADE HIST (1.00)	PERCENT	2.09	4.88	5.09	4.15	2.55	5.50	4.38	4.83	1.25	2.69	1.31	1.64
	S.E.	0.65	1.93	2.62	1.01	0.73	0.97	1.06	0.62	0.40	0.70	0.75	0.35
CIVICS/AMERICAN POLITICS (0.50)	PERCENT	75.87	70.71	77.98	70.79	70.13	67.68	74.42	66.73	56.49	56.64	63.21	58.02
	S.E.	1.98	4.12	3.05	3.58	2.36	4.58	3.41	2.96	1.46	2.68	3.03	1.93
INTERNATIONAL POLITICS (0.50)	PERCENT	9.27	4.75	4.11	8.82	8.42	4.46	3.82	7.94	7.67	5.05	7.25	5.52
	S.E.	1.34	1.20	0.95	1.90	1.38	1.55	0.92	3.37	1.05	0.95	1.86	0.87
ECONOMICS (0.50)	PERCENT	49.30	34.43	58.57	39.07	35.65	29.35	40.60	28.38	28.86	24.85	26.91	24.75
	S.E.	3.61	5.74	4.72	5.24	2.98	4.31	5.13	3.88	1.66	1.89	2.86	1.39
GEOGRAPHY (0.50)	PERCENT	21.05	21.47	24.53	19.82	15.24	12.46	18.09	15.75	15.99	15.35	15.14	16.60
	S.E.	1.87	2.89	3.27	2.10	1.61	2.07	3.04	2.01	1.22	1.87	2.11	1.16
SOCIOLOGY/PSYCHOLOGY (0.50)	PERCENT	35.89	19.52	22.88	32.09	40.48	16.70	27.12	26.92	39.62	19.30	32.83	26.93
	S.E.	1.88	2.68	1.94	4.02	1.49	2.69	2.27	1.97	1.45	1.48	3.63	1.17
WORLD HIST+U.S. HIST (2.00)	PERCENT	49.93	22.56	51.70	29.22	44.62	29.04	45.05	26.12	33.46	20.42	37.37	19.45
	S.E.	2.70	2.94	4.64	2.95	2.29	3.68	4.19	2.89	1.46	1.83	3.44	1.42
WORLD HIST+U.S. HIST+CIVICS (2.50)	PERCENT	40.68	17.34	43.46	20.78	33.14	18.66	35.01	17.20	20.57	10.34	25.19	11.24
	S.E.	2.75	3.11	4.70	3.53	2.40	2.25	3.96	2.19	1.30	1.32	3.70	1.01

Table 31. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Student Program (Continued)

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)	PERCENT	2.30	0.25	0.69	0.36	1.93	0.46	0.94	0.50	0.85	0.31	1.51	0.37
	S.E.	0.62	0.19	0.29	0.18	0.38	0.16	0.36	0.18	0.19	0.16	0.81	0.15

Table 32. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990 and 1987 by Community Type

		1990 GRADUATES				1987 GRADUATES			
COURSES TAKEN		BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ANY SOCIAL STUDIES (1.00)	PERCENT	99.89	99.81	99.91	99.75	99.94	99.70	99.93	99.74
	S.E.	0.07	0.13	0.09	0.20	0.04	0.17	0.05	0.10
ANY HISTORY (1.00)	PERCENT	99.19	97.91	94.30	97.68	97.98	98.80	99.34	98.50
	S.E.	0.22	1.22	1.71	1.37	1.05	0.22	0.25	0.31
U. S. HISTORY (1.00)	PERCENT	90.07	83.59	76.99	90.65	80.13	90.62	88.31	87.26
	S.E.	3.04	3.56	5.16	2.75	4.96	3.26	3.47	4.14
AP/HONORS AMERICAN HISTORY (1.00)	PERCENT	10.67	6.86	4.49	2.19	4.15	5.62	2.64	0.59
	S.E.	3.83	1.37	0.96	0.49	1.15	0.71	0.81	0.17
WORLD HISTORY (1.00)	PERCENT	57.73	57.93	52.62	45.19	59.05	40.06	44.23	40.99
	S.E.	7.55	4.53	7.78	3.76	4.94	2.96	4.17	4.21
AP/HONORS WORLD HISTORY (1.00)	PERCENT	1.76	0.29	0.00	0.06	0.46	0.63	0.43	0.04
	S.E.	1.02	0.22	0.00	0.06	0.33	0.31	0.14	0.03
NON-WESTERN HISTORY (0.50)	PERCENT	11.80	6.86	4.31	8.00	10.20	9.07	7.17	8.61
	S.E.	4.99	2.63	3.47	2.71	4.72	2.55	3.62	5.13
WESTERN HISTORY/CIVILIZATION (0.50)	PERCENT	8.72	13.44	9.15	9.37	14.20	8.16	7.97	9.95
	S.E.	4.58	2.09	3.88	2.68	6.50	1.81	2.71	4.71
REMEDIAL/BELOW GRADE HIST (1.00)	PERCENT	2.34	2.46	1.02	3.72	3.40	2.52	2.05	4.75
	S.E.	0.81	0.86	0.67	1.72	0.82	0.44	0.35	1.55
CIVICS/AMERICAN POLITICS (0.50)	PERCENT	78.86	68.92	88.90	73.76	69.69	62.56	71.54	73.56
	S.E.	4.80	4.56	5.92	3.07	5.78	5.10	8.46	4.79
INTERNATIONAL POLITICS (0.50)	PERCENT	10.55	9.65	8.37	7.00	1.29	7.72	15.35	6.44
	S.E.	3.69	2.73	1.56	1.47	0.33	1.44	6.23	1.64
ECONOMICS (0.50)	PERCENT	62.78	44.41	39.96	46.94	39.02	31.02	38.11	32.60
	S.E.	6.00	6.15	10.00	4.67	5.44	3.73	8.47	4.65
GEOGRAPHY (0.50)	PERCENT	17.83	18.25	23.14	23.46	12.77	13.58	13.88	17.64
	S.E.	4.42	3.42	5.48	2.83	3.72	3.08	3.04	2.82
SOCIOLOGY/PSYCHOLOGY (0.50)	PERCENT	26.11	35.16	40.59	31.69	28.58	42.94	34.55	28.87
	S.E.	3.30	3.79	5.36	2.53	2.97	2.86	3.40	2.89

Table 32. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990 and 1987 by Community Type (Continued)

		1990 GRADUATES				1987 GRADUATES			
COURSES TAKEN		BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
WORLD HIST+U.S. HIST (2.00)	PERCENT	54.51	47.58	44.10	41.52	51.31	36.28	37.63	37.67
	S.E.	7.38	5.11	8.25	3.87	5.14	3.37	4.58	4.12
WORLD HIST+U.S. HIST+CIVICS (2.50)	PERCENT	45.82	34.64	40.42	33.82	39.11	23.11	25.93	29.42
	S.E.	7.31	4.04	8.81	4.29	4.50	3.42	5.49	3.52
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)	PERCENT	2.23	1.49	1.71	1.72	0.49	1.49	1.92	1.44
	S.E.	0.83	0.55	0.77	0.83	0.17	0.35	1.06	0.47

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 33. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ANY SOCIAL STUDIES (1.00)	PERCENT	99.89	98.99	99.79	99.75	99.01	99.89
	S.E.	0.04	1.02	0.06	0.21	0.22	0.08
ANY HISTORY (1.00)	PERCENT	97.49	98.18	98.59	99.14	92.66	94.84
	S.E.	0.78	1.42	0.22	0.33	0.58	2.34
U. S. HISTORY (1.00)	PERCENT	86.93	88.87	87.74	83.79	75.83	77.87
	S.E.	2.05	3.69	2.22	4.80	1.21	3.29
AP/HONORS AMERICAN HISTORY (1.00)	PERCENT	4.69	6.87	2.65	4.74	1.81	2.40
	S.E.	0.79	1.32	0.31	1.87	0.30	0.73
WORLD HISTORY (1.00)	PERCENT	51.03	52.71	41.58	64.66	32.28	42.32
	S.E.	2.88	4.39	2.54	6.42	1.20	4.44
AP/HONORS WORLD HISTORY (1.00)	PERCENT	0.12	2.65	0.36	0.00	0.28	1.33
	S.E.	0.07	1.76	0.11	0.00	0.09	0.75
NON-WESTERN HISTORY (0.50)	PERCENT	7.62	9.60	8.62	9.97	7.25	7.25
	S.E.	2.00	2.61	2.32	4.42	0.72	1.16
WESTERN HISTORY/CIVILIZATION (0.50)	PERCENT	9.32	20.02	9.03	16.48	9.88	22.97
	S.E.	1.87	4.04	2.01	5.26	0.83	4.41
REMEDIAL/BELOW GRADE HIST (1.00)	PERCENT	3.07	0.94	3.75	1.27	1.81	0.22
	S.E.	0.94	0.56	0.72	0.63	0.36	0.11
CIVICS/AMERICAN POLITICS (0.50)	PERCENT	76.19	63.54	71.65	49.68	58.43	48.97
	S.E.	1.99	5.25	2.46	7.77	1.54	2.93
INTERNATIONAL POLITICS (0.50)	PERCENT	8.20	9.89	7.19	9.63	6.23	8.06
	S.E.	1.28	3.12	1.72	2.18	0.76	3.11
ECONOMICS (0.50)	PERCENT	49.62	29.14	35.53	18.50	26.86	24.43
	S.E.	3.62	4.48	3.40	3.64	1.38	2.28
GEOGRAPHY (0.50)	PERCENT	22.15	12.60	15.73	10.28	16.51	12.15
	S.E.	1.94	2.41	1.75	3.31	1.00	1.29
SOCIOLOGY/PSYCHOLOGY (0.50)	PERCENT	32.69	34.50	33.21	38.60	30.46	37.45
	S.E.	1.79	4.07	1.76	5.35	1.10	2.90
WORLD HIST+U.S. HIST (2.00)	PERCENT	45.03	47.49	37.49	55.42	25.40	35.09
	S.E.	2.87	4.37	2.60	7.57	1.06	4.39
WORLD HIST+U.S. HIST+CIVICS (2.50)	PERCENT	36.75	34.31	28.73	25.92	15.10	20.99
	S.E.	2.93	4.69	2.37	5.89	0.88	3.25

Table 33. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)
(Continued)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)	PERCENT S.E.	1.74 0.51	1.67 0.61	1.16 0.25	3.57 1.92	0.58 0.14	0.98 0.54

Table 34. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Region

COURSES TAKEN		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
		NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST
ANY SOCIAL STUDIES (1.00)	PERCENT	99.52	99.92	99.96	99.71	99.72	99.81	99.80	99.82	97.92	99.21	99.67	99.53
	S.E.	0.45	0.04	0.03	0.19	0.13	0.13	0.15	0.07	0.82	0.31	0.13	0.26
ANY HISTORY (1.00)	PERCENT	98.90	99.51	93.97	97.68	99.28	98.77	98.00	98.67	91.13	95.50	92.34	91.43
	S.E.	0.67	0.11	2.42	1.64	0.23	0.48	0.43	0.29	1.22	1.05	0.91	1.68
U. S. HISTORY (1.00)	PERCENT	88.33	90.32	83.14	85.76	72.87	89.54	91.36	95.08	62.75	83.95	79.12	74.24
	S.E.	2.47	2.70	3.91	5.61	6.78	4.51	1.93	0.86	2.75	1.85	2.00	3.32
AP/HONORS AMERICAN HISTORY (1.00)	PERCENT	6.61	4.60	1.41	8.28	3.66	2.62	1.22	4.86	2.43	1.20	2.27	1.67
	S.E.	1.35	1.09	0.38	2.67	0.79	0.59	0.37	0.85	0.61	0.20	0.70	0.55
WORLD HISTORY (1.00)	PERCENT	34.82	57.72	47.12	63.35	41.16	52.66	37.50	42.02	33.82	41.75	27.26	27.65
	S.E.	4.56	5.18	4.96	7.65	4.08	4.48	4.19	4.53	2.78	1.84	2.18	3.00
AP/HONORS WORLD HISTORY (1.00)	PERCENT	1.00	0.16	0.00	0.48	0.00	0.96	0.11	0.02	0.14	0.43	0.46	0.55
	S.E.	0.95	0.11	0.00	0.35	0.00	0.30	0.06	0.02	0.10	0.21	0.27	0.37
NON-WESTERN HISTORY (0.50)	PERCENT	21.45	0.70	2.12	12.87	26.35	1.03	6.06	4.57	18.27	2.78	5.21	3.90
	S.E.	6.24	0.31	1.48	6.12	8.78	0.70	1.70	3.21	1.97	0.42	1.41	1.35
WESTERN HISTORY/CIVILIZATION (0.50)	PERCENT	28.08	6.48	4.25	5.91	27.90	3.72	2.53	9.21	26.51	3.84	10.03	6.21
	S.E.	6.14	2.29	0.98	2.77	8.71	1.01	0.81	2.49	2.66	0.85	1.73	1.37
REMEDIAL/BELOW GRADE HIST (1.00)	PERCENT	2.63	4.66	0.90	2.80	3.76	3.39	3.25	3.82	2.08	1.37	1.91	1.08
	S.E.	1.08	2.43	0.19	1.07	1.92	0.95	1.25	0.86	0.87	0.46	0.66	0.39
CIVICS/AMERICAN POLITICS (0.50)	PERCENT	43.76	83.34	81.28	86.06	35.35	76.35	79.31	84.38	30.88	61.16	65.08	73.87
	S.E.	4.16	3.52	3.66	5.28	3.76	5.38	2.82	7.24	3.26	3.07	2.22	3.11
INTERNATIONAL POLITICS (0.50)	PERCENT	9.05	4.21	11.27	10.68	6.93	4.88	8.73	10.27	5.68	5.36	7.00	8.48
	S.E.	1.93	1.30	2.14	4.34	1.50	1.78	2.04	7.88	1.13	1.13	1.10	2.21
ECONOMICS (0.50)	PERCENT	29.29	63.74	36.84	55.24	20.76	46.58	26.03	41.05	17.94	30.91	31.80	21.29
	S.E.	6.85	5.77	5.29	8.76	4.38	7.36	3.14	8.34	2.19	2.56	2.86	2.12
GEOGRAPHY (0.50)	PERCENT	6.41	31.52	21.59	19.45	2.86	21.24	19.27	13.64	6.62	17.72	16.57	25.16
	S.E.	2.15	3.66	2.52	5.44	0.86	3.80	2.03	2.21	1.23	1.65	1.80	3.84
SOCIOLOGY/PSYCHOLOGY (0.50)	PERCENT	27.00	27.58	48.86	26.31	33.41	28.46	44.01	26.63	28.81	24.27	40.03	32.00
	S.E.	3.31	2.15	3.97	5.96	3.84	2.48	2.66	2.55	2.88	1.69	1.69	1.60
WORLD HIST+U.S. HIST (2.00)	PERCENT	30.90	52.33	41.40	54.05	33.41	47.57	34.06	40.34	24.27	34.02	22.26	22.53
	S.E.	4.09	5.32	5.05	7.06	4.08	5.71	3.62	4.30	2.30	1.52	2.22	2.94
WORLD HIST+U.S. HIST+CIVICS (2.50)	PERCENT	13.79	47.55	32.21	48.26	11.22	37.65	28.59	33.81	9.62	23.53	12.15	15.90
	S.E.	2.24	5.42	5.76	7.52	4.69	5.19	2.83	7.12	2.02	1.25	1.45	2.10

Table 34. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Region (Continued)

COURSES TAKEN		1990 GRADUATES NORTH EAST	1990 GRADUATES SOUTH CENTRAL	1990 GRADUATES NORTH CENTRAL	1990 GRADUATES WEST	1987 GRADUATES NORTH EAST	1987 GRADUATES SOUTH CENTRAL	1987 GRADUATES NORTH CENTRAL	1987 GRADUATES WEST	1982 GRADUATES NORTH EAST	1982 GRADUATES SOUTH CENTRAL	1982 GRADUATES NORTH CENTRAL	1982 GRADUATES WEST
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)	PERCENT	0.34	1.40	1.61	3.96	0.99	1.39	2.16	0.64	0.27	0.59	0.83	0.81
	S.E.	0.09	0.41	0.55	2.23	0.69	0.53	0.56	0.28	0.16	0.32	0.27	0.33

Table 35. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982

COURSES TAKEN		1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ANY MATHEMATICS (1.00)	PERCENT	99.57	99.36	97.45
	S.E.	0.11	0.17	0.31
REMEDIAL/BELOW GRADE MATH (1.00)	PERCENT	23.62	24.88	32.68
	S.E.	1.57	1.26	0.73
ALGEBRA I (1.00)	PERCENT	77.26	76.28	65.13
	S.E.	1.19	0.82	0.82
ALGEBRA II (0.50)	PERCENT	49.24	47.12	35.08
	S.E.	1.42	1.81	0.87
GEOMETRY (1.00)	PERCENT	64.68	61.48	45.73
	S.E.	1.30	0.94	0.79
TRIGONOMETRY (0.50)	PERCENT	18.36	19.02	12.04
	S.E.	1.27	1.52	0.64
ANALYSIS/PRECALCULUS (0.50)	PERCENT	13.53	12.79	5.77
	S.E.	0.96	0.94	0.36
CALCULUS (1.00)	PERCENT	6.60	6.17	4.71
	S.E.	0.46	0.41	0.40
AP CALCULUS (1.00)	PERCENT	4.19	3.39	1.53
	S.E.	0.45	0.42	0.28
STATISTICS/PROBABILITY (0.50)	PERCENT	0.96	0.36	0.33
	S.E.	0.21	0.17	0.09
ALGEBRA I+ALGEBRA II (1.50)	PERCENT	39.82	38.57	26.57
	S.E.	1.39	1.49	0.70
ALGEBRA I&II+GEOMETRY (2.50)	PERCENT	35.44	34.48	21.50
	S.E.	1.30	1.37	0.67
ALG. I&II+GEOM.+TRIG. (3.00)	PERCENT	8.57	10.24	4.89
	S.E.	0.65	0.95	0.36
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	PERCENT	0.63	0.78	0.39
	S.E.	0.11	0.17	0.10
ALG. II+GEOMETRY (1.50)	PERCENT	44.02	42.43	27.49
	S.E.	1.39	1.70	0.76
ALG. II+GEOM.+TRIG. (2.00)	PERCENT	12.53	14.68	7.20
	S.E.	0.98	1.34	0.43
ALG. II+GEOM.+TRIG.+CALC (3.00)	PERCENT	2.16	2.39	0.96
	S.E.	0.29	0.37	0.13

Table 36. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Gender

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
ANY MATHEMATICS (1.00)	PERCENT	99.69	99.43	99.43	99.29	97.29	97.62
	S.E.	0.09	0.17	0.14	0.22	0.36	0.41
REMEDIAL/BELOW GRADE MATH (1.00)	PERCENT	21.72	25.73	23.24	26.69	29.64	35.92
	S.E.	1.51	1.71	1.18	1.45	0.98	0.99
ALGEBRA I (1.00)	PERCENT	78.76	75.56	77.21	75.34	66.81	63.34
	S.E.	1.35	1.15	0.87	0.93	0.96	1.22
ALGEBRA II (0.50)	PERCENT	50.53	47.83	48.40	45.78	34.90	35.27
	S.E.	1.53	1.54	1.91	1.88	1.19	1.23
GEOMETRY (1.00)	PERCENT	65.35	63.88	61.72	61.19	46.38	45.04
	S.E.	1.29	1.50	1.02	1.17	1.09	1.24
TRIGONOMETRY (0.50)	PERCENT	18.34	18.43	17.83	20.25	11.27	12.87
	S.E.	1.28	1.39	1.35	1.79	0.70	0.84
ANALYSIS/PRECALCULUS (0.50)	PERCENT	12.87	14.27	11.63	14.00	5.55	6.01
	S.E.	0.94	1.15	0.86	1.13	0.47	0.45
CALCULUS (1.00)	PERCENT	5.63	7.68	4.71	7.69	4.18	5.27
	S.E.	0.37	0.63	0.36	0.57	0.50	0.58
AP CALCULUS (1.00)	PERCENT	3.38	5.09	2.75	4.02	1.34	1.73
	S.E.	0.37	0.59	0.39	0.50	0.29	0.34
STATISTICS/PROBABILITY (0.50)	PERCENT	0.78	1.16	0.36	0.33	0.21	0.46
	S.E.	0.20	0.28	0.19	0.15	0.09	0.15
ALGEBRA I+ALGEBRA II (1.50)	PERCENT	41.18	38.32	39.75	37.37	26.07	27.10
	S.E.	1.60	1.40	1.57	1.57	0.98	1.19
ALGEBRA I&II+GEOMETRY (2.50)	PERCENT	36.40	34.38	35.11	33.85	20.83	22.21
	S.E.	1.45	1.38	1.46	1.50	0.93	1.11
ALG. I&II+GEOM.+TRIG. (3.00)	PERCENT	8.64	8.51	9.62	10.91	4.28	5.55
	S.E.	0.76	0.69	0.83	1.23	0.44	0.51
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	PERCENT	0.52	0.74	0.59	0.99	0.33	0.46
	S.E.	0.10	0.14	0.15	0.23	0.10	0.17
ALG. II+GEOMETRY (1.50)	PERCENT	44.96	42.99	43.31	41.50	27.07	27.94
	S.E.	1.45	1.56	1.82	1.77	1.05	1.15
ALG. II+GEOM.+TRIG. (2.00)	PERCENT	12.36	12.74	14.14	15.21	6.35	8.12
	S.E.	1.01	1.06	1.25	1.56	0.49	0.61

Table 36. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Gender (Continued)

COURSES TAKEN		1990 GRADUATES FEMALE	 MALE	1987 GRADUATES FEMALE	 MALE	1982 GRADUATES FEMALE	 MALE
ALG. II+GEOM.+TRIG.+CALC (3.00)	PERCENT	1.84	2.50	1.90	2.86	0.73	1.21
	S.E.	0.25	0.38	0.32	0.44	0.14	0.25

Table 37. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Race/Ethnicity

		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
COURSES TAKEN		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
ANY MATHEMATICS (1.00)	PERCENT	99.67	98.70	99.78	99.85	100.00	99.85	99.33	99.45	99.41	100.00	99.35	99.32	97.68	97.77	95.47	99.26	96.65
	S.E.	0.06	0.67	0.15	0.15	0.00	0.15	0.22	0.20	0.24	0.00	0.68	0.33	0.31	0.89	0.76	0.53	1.39
REMEDIAL/BELOW GRADE MATH (1.00)	PERCENT	19.96	35.39	38.33	19.92	37.68	22.01	20.57	46.47	42.47	16.32	40.74	18.68	27.51	53.17	46.96	19.38	47.68
	S.E.	1.78	2.26	3.31	2.71	4.82	4.18	1.27	1.90	3.46	2.74	4.36	3.06	0.80	2.25	1.60	2.37	6.60
ALGEBRA I (1.00)	PERCENT	77.20	77.64	81.43	71.59	72.19	74.47	77.65	70.69	73.12	68.45	77.95	77.12	68.06	57.52	55.14	66.21	50.83
	S.E.	1.41	2.06	2.09	2.27	4.67	2.69	1.05	1.22	1.56	2.26	4.50	2.77	1.04	2.37	1.28	3.44	5.22
ALGEBRA II (0.50)	PERCENT	52.41	38.95	38.61	59.47	47.29	37.10	51.85	32.44	30.23	67.15	28.45	36.01	38.71	24.20	20.79	56.35	21.20
	S.E.	1.66	2.86	2.70	3.85	4.76	8.97	1.87	1.54	1.96	5.36	2.82	5.63	1.04	1.78	1.37	4.31	4.31
GEOMETRY (1.00)	PERCENT	67.15	56.32	54.43	72.05	54.50	63.28	65.08	44.04	40.16	81.39	48.40	66.87	51.23	28.50	25.80	64.26	28.77
	S.E.	1.42	2.70	2.76	2.46	3.40	6.27	1.20	1.89	1.71	2.87	3.49	2.66	0.87	1.83	1.40	2.42	4.60
TRIGONOMETRY (0.50)	PERCENT	19.61	14.05	10.99	35.20	15.55	9.38	20.90	10.87	9.94	42.13	6.50	15.55	13.65	5.97	6.37	28.17	4.32
	S.E.	1.42	1.86	1.52	3.52	3.16	2.77	1.75	1.12	0.91	5.31	2.11	3.53	0.72	0.71	0.87	2.72	1.30
ANALYSIS/PRECALCULUS (0.50)	PERCENT	15.01	6.16	7.26	25.54	8.45	14.40	13.48	5.11	7.38	39.64	7.54	14.00	6.66	2.23	2.99	13.72	1.22
	S.E.	1.05	0.96	0.83	6.26	2.67	3.09	1.07	0.79	1.06	6.24	1.84	2.75	0.44	0.45	0.65	2.07	0.87
CALCULUS (1.00)	PERCENT	7.02	2.76	3.91	18.58	6.05	7.08	5.86	2.29	3.61	29.83	3.16	9.12	5.51	1.36	1.77	13.19	2.56
	S.E.	0.53	0.53	0.69	3.05	1.87	1.62	0.38	0.35	0.68	4.22	1.51	1.98	0.44	0.37	0.34	2.09	1.28
AP CALCULUS (1.00)	PERCENT	4.27	1.17	3.03	15.61	4.18	5.56	2.82	1.42	2.59	23.95	1.32	5.34	1.83	0.27	0.44	5.64	0.05
	S.E.	0.52	0.27	0.59	2.63	1.42	1.44	0.33	0.34	0.59	4.77	0.72	1.40	0.36	0.14	0.17	1.12	0.04
STATISTICS/PROBABILITY (0.50)	PERCENT	0.96	1.11	0.87	1.50	0.22	0.19	0.37	0.02	0.05	0.24	0.00	1.06	0.40	0.04	0.09	0.56	0.31
	S.E.	0.23	0.44	0.49	0.51	0.23	0.14	0.19	0.02	0.06	0.21	0.00	0.92	0.12	0.04	0.06	0.46	0.32
ALGEBRA I+ALGEBRA II (1.50)	PERCENT	41.89	34.63	33.54	42.35	37.68	28.70	42.65	28.15	25.56	44.55	25.78	27.82	29.28	19.61	15.98	35.24	14.81
	S.E.	1.69	2.77	2.65	2.29	5.34	7.17	1.68	1.42	1.73	2.87	2.63	4.18	0.84	2.06	1.15	3.64	4.10
ALGEBRA I&II+GEOMETRY (2.50)	PERCENT	37.56	29.21	30.13	38.01	29.55	26.11	38.39	24.78	20.59	41.27	21.49	24.64	24.26	13.78	10.77	29.75	12.58
	S.E.	1.57	2.37	2.47	2.40	3.66	6.71	1.60	1.52	1.10	2.46	2.34	3.94	0.80	1.59	0.96	3.89	3.79
ALG. I&II+GEOM.+TRIG. (3.00)	PERCENT	9.17	6.49	6.33	13.21	6.16	5.09	11.96	5.42	4.95	18.17	2.36	4.67	5.61	1.99	3.18	7.72	1.23
	S.E.	0.76	1.24	1.16	1.74	2.56	1.68	1.16	0.56	0.57	2.61	0.75	1.25	0.44	0.24	0.65	1.28	0.70
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	PERCENT	0.58	0.73	0.50	2.11	0.00	0.22	0.85	0.25	0.45	4.22	0.30	0.20	0.46	0.21	0.14	0.47	0.00
	S.E.	0.11	0.28	0.23	0.70	0.00	0.18	0.22	0.17	0.19	1.08	0.31	0.13	0.13	0.08	0.08	0.47	0.00
ALG. II+GEOMETRY (1.50)	PERCENT	47.24	32.88	34.49	53.21	37.84	33.70	46.98	28.59	24.29	62.40	23.52	32.73	31.27	16.09	13.16	41.62	15.92
	S.E.	1.62	2.45	2.50	3.19	3.51	8.32	1.84	1.52	1.37	5.02	2.47	5.36	0.95	1.43	1.04	4.19	3.73
ALG. II+GEOM.+TRIG. (2.00)	PERCENT	13.60	8.05	8.61	21.53	10.32	7.83	16.87	8.03	7.44	31.06	3.52	6.95	8.27	2.96	3.94	14.93	2.69
	S.E.	1.13	1.31	1.45	2.62	3.33	2.50	1.57	0.82	0.74	5.91	1.19	1.92	0.51	0.43	0.69	1.74	1.02

Table 37. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Race/Ethnicity (Continued)

		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
COURSES TAKEN		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTH
ALG. II+GEOM.+TRIG.+CALC (3.00)	PERCENT	2.28	1.06	1.54	6.45	3.15	0.78	2.34	1.21	2.18	14.46	1.03	0.89	1.13	0.23	0.50	2.47	0.
	S.E.	0.32	0.32	0.47	1.59	2.23	0.38	0.38	0.35	0.58	4.59	0.79	0.38	0.17	0.09	0.17	1.17	0.

Table 38. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Student Program

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
ANY MATHEMATICS (1.00)	PERCENT	99.99	98.86	100.00	97.45	99.99	98.73	99.81	97.58	99.97	96.28	99.88	94.68
	S.E.	0.01	0.34	0.00	0.75	0.01	0.43	0.12	0.68	0.03	0.58	0.11	0.83
REMEDIAL/BELOW GRADE MATH (1.00)	PERCENT	17.33	49.43	32.61	34.93	15.58	43.39	37.84	36.02	22.64	45.54	39.02	37.19
	S.E.	1.16	4.81	2.40	4.31	1.00	2.80	2.92	2.60	0.85	1.67	2.60	1.07
ALGEBRA I (1.00)	PERCENT	81.02	62.32	83.47	61.64	81.28	64.91	80.42	66.20	76.72	55.42	72.22	55.18
	S.E.	0.93	2.81	1.94	3.80	0.86	1.73	1.77	1.67	1.05	1.78	3.00	1.45
ALGEBRA II (0.50)	PERCENT	61.45	9.12	36.99	17.58	65.07	11.44	39.32	17.68	58.30	11.49	38.27	18.86
	S.E.	1.75	1.64	2.21	1.97	2.16	1.24	2.76	1.30	1.08	1.20	2.59	0.89
GEOMETRY (1.00)	PERCENT	77.91	18.86	53.15	30.50	80.84	21.57	56.12	29.38	73.60	17.12	50.08	26.34
	S.E.	1.02	1.80	2.21	3.24	0.97	1.46	2.04	1.67	1.08	1.13	2.64	0.90
TRIGONOMETRY (0.50)	PERCENT	24.70	0.37	8.90	2.61	29.02	1.37	8.78	3.75	24.46	1.07	8.54	3.36
	S.E.	1.63	0.15	1.95	0.70	2.16	0.51	0.95	0.94	1.24	0.23	1.51	0.39
ANALYSIS/PRECALCULUS (0.50)	PERCENT	18.70	0.23	3.81	1.35	20.09	0.35	4.62	1.65	11.81	0.50	4.43	1.45
	S.E.	1.35	0.09	0.95	0.69	1.44	0.15	0.64	0.28	0.69	0.19	1.17	0.33
CALCULUS (1.00)	PERCENT	9.32	0.00	1.32	0.13	9.98	0.00	1.22	0.43	10.58	0.18	1.74	0.46
	S.E.	0.64	0.00	0.31	0.11	0.64	0.00	0.37	0.26	0.84	0.08	0.79	0.17
AP CALCULUS (1.00)	PERCENT	5.92	0.00	0.75	0.13	5.44	0.00	0.73	0.34	3.37	0.05	0.65	0.23
	S.E.	0.62	0.00	0.27	0.11	0.70	0.00	0.27	0.25	0.58	0.05	0.64	0.12
STATISTICS/PROBABILITY (0.50)	PERCENT	1.25	0.19	0.46	0.25	0.57	0.00	0.08	0.07	0.51	0.00	1.24	0.15
	S.E.	0.28	0.14	0.30	0.13	0.26	0.00	0.09	0.07	0.14	0.00	1.02	0.07
ALGEBRA I+ALGEBRA II (1.50)	PERCENT	49.90	7.19	33.75	10.42	52.77	10.30	36.20	13.54	46.07	8.12	32.55	11.76
	S.E.	1.52	1.34	2.19	1.18	1.75	1.20	2.77	1.19	1.11	0.92	2.82	0.69
ALGEBRA I&II+GEOMETRY (2.50)	PERCENT	45.55	3.68	27.08	7.14	49.24	4.97	31.44	8.83	40.75	3.66	26.13	6.90
	S.E.	1.44	0.68	1.94	0.91	1.66	0.66	2.34	0.95	1.26	0.48	2.63	0.59
ALG. I&II+GEOM.+TRIG. (3.00)	PERCENT	11.73	0.24	3.69	0.48	15.88	0.33	6.09	0.81	10.79	0.29	3.04	0.49
	S.E.	0.91	0.13	0.66	0.20	1.38	0.15	0.85	0.26	0.79	0.17	0.81	0.13
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	PERCENT	0.88	0.00	0.16	0.00	1.29	0.00	0.11	0.00	0.93	0.00	0.00	0.00
	S.E.	0.15	0.00	0.08	0.00	0.27	0.00	0.08	0.00	0.24	0.00	0.00	0.00
ALG. II+GEOMETRY (1.50)	PERCENT	56.29	4.67	29.81	13.09	61.05	5.86	34.36	11.58	50.86	4.77	30.26	10.74
	S.E.	1.70	0.81	1.98	2.20	2.07	0.76	2.34	1.06	1.34	0.54	2.35	0.69
ALG. II+GEOM.+TRIG. (2.00)	PERCENT	17.18	0.24	4.71	1.08	22.91	0.49	7.48	1.30	15.45	0.34	4.83	1.23
	S.E.	1.35	0.13	0.76	0.46	1.92	0.17	0.93	0.43	0.92	0.17	1.26	0.23

Table 38. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Student Program (Continued)

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
ALG. II+GEOM.+TRIG.+CALC (3.00)	PERCENT	3.07	0.00	0.31	0.00	3.89	0.00	0.62	0.00	2.29	0.00	0.11	0.00
	S.E.	0.42	0.00	0.13	0.00	0.57	0.00	0.26	0.00	0.33	0.00	0.11	0.00

Table 39. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990 and 1987 by Community Type

		1990 GRADUATES				1987 GRADUATES			
COURSES TAKEN		BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ANY MATHEMATICS (1.00)	PERCENT	99.54	99.72	99.59	99.48	99.64	98.91	99.65	99.48
	S.E.	0.19	0.14	0.21	0.21	0.10	0.57	0.09	0.13
REMEDIAL/BELOW GRADE MATH (1.00)	PERCENT	21.84	20.14	25.48	25.59	28.38	20.30	24.12	27.11
	S.E.	2.62	2.26	3.32	2.77	2.61	2.38	2.65	1.79
ALGEBRA I (1.00)	PERCENT	74.09	78.74	78.36	77.11	72.50	75.56	76.04	78.14
	S.E.	2.72	1.78	2.21	2.07	2.25	1.10	1.87	1.46
ALGEBRA II (0.50)	PERCENT	52.78	46.85	47.24	49.98	37.18	51.72	50.49	46.14
	S.E.	3.41	3.17	4.70	2.26	3.49	2.56	3.79	3.85
GEOMETRY (1.00)	PERCENT	66.75	71.73	63.65	60.46	58.83	67.41	62.35	58.01
	S.E.	2.99	2.13	4.13	2.03	3.06	1.78	2.98	2.02
TRIGONOMETRY (0.50)	PERCENT	27.02	23.00	20.23	12.78	19.13	25.77	21.39	13.51
	S.E.	3.33	2.82	3.15	1.28	2.73	2.86	2.34	2.49
ANALYSIS/PRECALCULUS (0.50)	PERCENT	14.54	17.12	13.50	11.26	14.84	13.91	15.11	10.49
	S.E.	2.79	1.88	2.48	1.39	2.29	1.95	2.77	1.33
CALCULUS (1.00)	PERCENT	10.02	8.12	6.00	4.90	7.33	9.09	5.49	4.02
	S.E.	1.47	0.93	0.71	0.68	1.66	1.10	0.72	0.47
AP CALCULUS (1.00)	PERCENT	7.60	6.12	4.62	2.01	5.18	5.87	2.44	1.42
	S.E.	1.55	0.85	0.85	0.44	1.47	1.02	0.48	0.50
STATISTICS/PROBABILITY (0.50)	PERCENT	1.90	1.17	0.00	0.81	0.79	0.36	0.19	0.27
	S.E.	0.61	0.38	0.00	0.32	0.72	0.27	0.16	0.19
ALGEBRA I+ALGEBRA II (1.50)	PERCENT	38.35	37.64	38.82	41.70	26.44	39.89	41.27	40.82
	S.E.	2.83	2.07	4.04	2.53	2.40	1.93	3.69	3.40
ALGEBRA I&II+GEOMETRY (2.50)	PERCENT	33.85	35.94	35.42	35.65	24.40	36.61	36.98	35.55
	S.E.	2.80	2.05	4.59	2.24	2.32	2.01	3.54	3.28
ALG. I&II+GEOM.+TRIG. (3.00)	PERCENT	11.33	9.46	9.85	6.94	6.42	12.63	12.13	9.22
	S.E.	1.95	1.45	2.51	0.87	1.16	1.53	1.40	1.89
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	PERCENT	0.69	0.56	0.44	0.69	0.40	1.03	0.71	0.77
	S.E.	0.25	0.21	0.14	0.20	0.20	0.22	0.28	0.39

Table 39. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990 and 1987 by Community Type (Continued)

		1990 GRADUATES				1987 GRADUATES			
COURSES TAKEN		BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ALG. II+GEOMETRY (1.50)	PERCENT	46.97	44.60	43.46	42.96	34.69	47.50	45.75	40.40
	S.E.	3.30	3.11	5.19	2.14	3.41	2.59	3.71	3.72
ALG. II+GEOM.+TRIG. (2.00)	PERCENT	19.87	13.50	13.65	9.53	12.03	19.58	16.26	11.66
	S.E.	3.30	2.30	3.30	1.15	2.69	2.39	1.57	2.49
ALG. II+GEOM.+TRIG.+CALC (3.00)	PERCENT	5.05	1.51	1.55	1.80	1.74	4.50	1.48	1.48
	S.E.	1.35	0.45	0.49	0.44	0.38	1.13	0.35	0.60

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 40. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ANY MATHEMATICS (1.00)	PERCENT	99.54	99.81	99.30	99.94	97.19	99.66
	S.E.	0.12	0.15	0.19	0.05	0.34	0.25
REMEDIAL/BELOW GRADE MATH (1.00)	PERCENT	25.04	9.79	26.77	7.09	34.48	17.57
	S.E.	1.72	1.26	1.24	1.78	0.67	3.37
ALGEBRA I (1.00)	PERCENT	76.39	85.71	75.46	83.98	63.10	82.18
	S.E.	1.29	1.96	0.81	3.58	0.86	1.66
ALGEBRA II (0.50)	PERCENT	47.81	63.07	44.97	67.47	33.04	52.14
	S.E.	1.46	3.29	2.05	5.04	0.83	3.84
GEOMETRY (1.00)	PERCENT	62.54	85.49	58.91	85.79	42.13	75.97
	S.E.	1.37	1.98	1.01	2.07	0.77	3.15
TRIGONOMETRY (0.50)	PERCENT	17.45	27.28	18.03	28.37	10.93	21.38
	S.E.	1.37	3.88	1.54	3.95	0.52	3.77
ANALYSIS/PRECALCULUS (0.50)	PERCENT	12.30	25.41	11.67	23.43	5.00	12.21
	S.E.	1.12	3.36	0.95	3.10	0.36	1.59
CALCULUS (1.00)	PERCENT	6.29	9.67	5.65	11.11	3.81	12.24
	S.E.	0.48	1.34	0.36	2.36	0.33	2.55
AP CALCULUS (1.00)	PERCENT	3.89	7.10	3.15	5.62	1.34	3.15
	S.E.	0.46	1.41	0.39	1.35	0.28	1.36
STATISTICS/PROBABILITY (0.50)	PERCENT	0.80	2.57	0.28	1.15	0.24	1.06
	S.E.	0.20	1.02	0.13	1.14	0.09	0.47
ALGEBRA I+ALGEBRA II (1.50)	PERCENT	38.29	54.66	36.70	56.20	24.40	44.75
	S.E.	1.46	3.15	1.71	5.91	0.69	3.42
ALGEBRA I&II+GEOMETRY (2.50)	PERCENT	33.82	51.19	32.51	53.08	19.22	40.58
	S.E.	1.34	3.35	1.57	5.68	0.62	2.93
ALG. I&II+GEOM.+TRIG. (3.00)	PERCENT	8.27	11.48	9.66	15.64	4.46	8.54
	S.E.	0.69	2.16	0.96	2.78	0.37	2.20
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	PERCENT	0.64	0.53	0.71	1.43	0.27	1.39
	S.E.	0.12	0.15	0.18	0.43	0.07	0.69
ALG. II+GEOMETRY (1.50)	PERCENT	42.51	58.63	40.21	63.42	25.20	46.68
	S.E.	1.41	3.43	1.91	4.88	0.67	3.37
ALG. II+GEOM.+TRIG. (2.00)	PERCENT	12.37	14.05	14.22	19.02	6.74	11.08
	S.E.	1.07	2.26	1.39	3.49	0.43	2.22

Table 40. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)
(Continued)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ALG. II+GEOM.+TRIG.+CALC (3.00)	PERCENT	2.27	1.03	2.47	1.61	0.83	2.07
	S.E.	0.33	0.23	0.41	0.48	0.13	0.55

Table 41. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Region

COURSES TAKEN		1990 GRADUATES NORTH EAST	1990 GRADUATES SOUTH CENTRAL	1990 GRADUATES NORTH CENTRAL	1990 GRADUATES WEST	1987 GRADUATES NORTH EAST	1987 GRADUATES SOUTH CENTRAL	1987 GRADUATES NORTH CENTRAL	1987 GRADUATES WEST	1982 GRADUATES NORTH EAST	1982 GRADUATES SOUTH CENTRAL	1982 GRADUATES NORTH CENTRAL	1982 GRADUATES WEST
ANY MATHEMATICS (1.00)	PERCENT	99.55	99.48	99.71	99.52	99.09	99.74	98.97	99.70	95.93	98.56	97.45	97.48
	S.E.	0.14	0.28	0.11	0.20	0.18	0.04	0.58	0.13	1.07	0.37	0.61	0.40
REMEDIAL/BELOW GRADE MATH (1.00)	PERCENT	23.45	26.32	18.63	26.01	18.22	30.91	22.65	26.40	35.40	38.96	26.22	28.48
	S.E.	2.06	3.46	2.94	2.01	1.69	2.48	3.02	2.14	1.75	1.35	1.57	1.90
ALGEBRA I (1.00)	PERCENT	74.72	80.16	76.72	75.81	79.51	73.65	77.07	75.52	58.36	64.54	70.68	65.85
	S.E.	2.25	1.55	3.12	2.29	1.75	1.72	1.11	1.44	2.40	0.94	1.50	1.59
ALGEBRA II (0.50)	PERCENT	46.50	55.01	44.86	48.37	47.08	49.72	44.32	47.22	39.14	36.37	32.48	31.57
	S.E.	3.25	1.96	3.04	3.20	6.39	2.61	1.92	4.56	1.87	1.41	1.89	2.29
GEOMETRY (1.00)	PERCENT	72.05	63.99	62.06	61.47	72.20	56.88	59.27	59.68	48.12	40.84	49.79	44.41
	S.E.	1.88	2.24	2.92	2.78	1.71	1.91	2.20	2.36	2.21	1.58	1.36	1.87
TRIGONOMETRY (0.50)	PERCENT	18.47	17.87	18.72	18.60	19.46	18.91	19.13	18.51	15.47	10.03	12.37	10.46
	S.E.	2.52	1.38	3.32	3.35	5.03	1.73	2.36	2.63	1.21	0.82	0.99	1.32
ANALYSIS/PRECALCULUS (0.50)	PERCENT	21.09	10.31	12.03	12.85	14.11	8.82	13.71	16.45	7.91	3.77	6.37	5.48
	S.E.	2.19	1.17	1.96	2.34	1.91	1.49	1.34	2.73	1.17	0.65	0.81	0.80
CALCULUS (1.00)	PERCENT	12.29	4.79	3.95	7.16	10.96	4.83	4.07	5.91	11.01	2.66	2.57	3.57
	S.E.	1.22	0.53	0.58	1.33	0.93	0.97	0.40	1.33	1.51	0.52	0.29	0.62
AP CALCULUS (1.00)	PERCENT	7.45	3.16	1.78	5.71	5.52	3.00	1.37	4.66	3.64	0.88	0.62	1.45
	S.E.	1.38	0.37	0.54	1.27	1.39	0.72	0.37	1.28	1.00	0.32	0.19	0.48
STATISTICS/PROBABILITY (0.50)	PERCENT	1.41	1.05	0.92	0.38	0.29	0.36	0.57	0.11	0.52	0.04	0.60	0.15
	S.E.	0.63	0.37	0.36	0.20	0.21	0.38	0.36	0.10	0.27	0.03	0.23	0.12
ALGEBRA I+ALGEBRA II (1.50)	PERCENT	35.77	47.16	35.56	37.56	39.07	40.71	36.86	37.04	27.96	29.07	25.48	21.81
	S.E.	3.11	1.81	3.31	2.87	4.91	2.02	1.68	4.27	1.68	1.20	1.38	1.58
ALGEBRA I&II+GEOMETRY (2.50)	PERCENT	33.67	40.78	31.00	34.36	36.52	34.66	33.35	33.46	23.14	21.79	21.77	18.16
	S.E.	2.87	1.56	3.04	2.97	4.58	1.72	1.99	3.76	1.58	1.11	1.34	1.48
ALG. I&II+GEOM.+TRIG. (3.00)	PERCENT	7.34	10.53	7.48	8.08	9.80	10.61	10.72	9.38	5.41	5.72	4.56	3.21
	S.E.	1.30	0.95	1.35	1.57	3.57	1.18	1.38	1.29	0.93	0.54	0.67	0.62
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	PERCENT	0.65	0.79	0.42	0.61	1.51	0.59	0.46	0.73	1.02	0.24	0.05	0.40
	S.E.	0.23	0.21	0.20	0.17	0.69	0.21	0.13	0.28	0.42	0.12	0.01	0.19
ALG. II+GEOMETRY (1.50)	PERCENT	43.63	47.91	39.36	44.21	44.04	43.01	40.28	42.91	31.13	27.16	26.61	24.61
	S.E.	2.98	1.84	3.06	3.11	5.94	2.26	2.28	3.95	1.82	1.20	1.57	1.99
ALG. II+GEOM.+TRIG. (2.00)	PERCENT	11.92	14.68	10.43	12.38	13.44	15.85	13.97	15.37	8.23	8.01	6.28	5.90
	S.E.	1.54	1.25	2.24	2.70	4.58	1.88	2.16	2.44	1.00	0.74	0.78	1.00

Table 41. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Region (Continued)

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST
ALG. II+GEOM.+TRIG.+CALC (3.00)	PERCENT	3.03	2.02	1.30	2.61	3.29	1.85	1.46	3.67	2.04	0.80	0.27	0.99
	S.E.	0.60	0.38	0.48	0.99	1.11	0.34	0.37	1.40	0.40	0.19	0.05	0.41

Table 42. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982

COURSES TAKEN		1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ANY SCIENCE (1.00)	PERCENT	99.43	98.72	95.22
	S.E.	0.15	0.33	0.46
BIOLOGY (1.00)	PERCENT	91.62	88.33	75.28
	S.E.	0.93	0.88	0.80
AP/HONORS BIOLOGY (1.00)	PERCENT	4.97	2.79	6.62
	S.E.	0.77	0.36	0.57
CHEMISTRY (1.00)	PERCENT	49.63	44.76	30.82
	S.E.	1.26	1.07	0.66
AP/HONORS CHEMISTRY (1.00)	PERCENT	3.52	3.38	2.91
	S.E.	0.47	0.34	0.37
PHYSICS (1.00)	PERCENT	21.48	19.52	13.92
	S.E.	0.84	0.87	0.59
AP/HONORS PHYSICS (1.00)	PERCENT	2.05	1.67	1.07
	S.E.	0.38	0.29	0.16
ENGINEERING (1.00)	PERCENT	0.08	0.10	0.14
	S.E.	0.04	0.05	0.04
ASTRONOMY (0.50)	PERCENT	1.25	0.98	1.10
	S.E.	0.31	0.18	0.25
GEOLOGY (0.50)	PERCENT	25.31	14.85	13.88
	S.E.	2.48	1.81	0.95
BIOLOGY+CHEMISTRY (2.00)	PERCENT	48.22	42.98	28.02
	S.E.	1.26	1.11	0.63
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	PERCENT	18.91	16.77	10.52
	S.E.	0.71	0.77	0.43

Table 43. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Gender

COURSES TAKEN		1990 GRADUATES FEMALE	1990 GRADUATES MALE	1987 GRADUATES FEMALE	1987 GRADUATES MALE	1982 GRADUATES FEMALE	1982 GRADUATES MALE
ANY SCIENCE (1.00)	PERCENT	99.67	99.17	98.98	98.44	95.58	94.85
	S.E.	0.10	0.25	0.29	0.40	0.54	0.50
BIOLOGY (1.00)	PERCENT	92.71	90.40	89.65	87.04	77.11	73.32
	S.E.	0.91	1.02	0.67	1.18	0.86	1.08
AP/HONORS BIOLOGY (1.00)	PERCENT	5.40	4.47	2.71	2.84	7.12	6.08
	S.E.	0.92	0.65	0.38	0.48	0.74	0.54
CHEMISTRY (1.00)	PERCENT	50.37	48.78	43.66	45.91	30.03	31.66
	S.E.	1.35	1.40	1.19	1.29	1.03	1.14
AP/HONORS CHEMISTRY (1.00)	PERCENT	2.94	4.16	2.76	4.02	2.37	3.48
	S.E.	0.53	0.52	0.32	0.40	0.33	0.51
PHYSICS (1.00)	PERCENT	17.83	25.47	14.76	24.56	9.95	18.16
	S.E.	0.87	0.94	0.87	1.03	0.61	0.88
AP/HONORS PHYSICS (1.00)	PERCENT	1.58	2.58	0.91	2.47	0.72	1.43
	S.E.	0.31	0.49	0.20	0.45	0.18	0.21
ENGINEERING (1.00)	PERCENT	0.04	0.13	0.07	0.14	0.04	0.24
	S.E.	0.03	0.08	0.05	0.06	0.02	0.09
ASTRONOMY (0.50)	PERCENT	1.06	1.46	0.84	1.13	1.02	1.18
	S.E.	0.28	0.36	0.16	0.23	0.33	0.25
GEOLOGY (0.50)	PERCENT	24.53	26.22	14.07	15.61	13.04	14.77
	S.E.	2.54	2.45	1.92	1.75	0.94	1.16
BIOLOGY+CHEMISTRY (2.00)	PERCENT	49.11	47.20	42.31	43.68	28.13	27.91
	S.E.	1.36	1.39	1.19	1.34	0.93	1.12
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	PERCENT	16.04	22.08	12.92	20.83	7.96	13.25
	S.E.	0.77	0.81	0.76	0.91	0.51	0.64

Table 44. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Race/Ethnicity

		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
COURSES TAKEN		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
ANY SCIENCE (1.00)	PERCENT	99.52	98.96	99.26	99.80	99.47	99.44	98.73	98.68	98.48	99.38	98.57	98.64	95.79	95.35	91.58	95.33	93.35
	S.E.	0.15	0.66	0.26	0.20	0.38	0.24	0.41	0.42	0.62	0.33	0.81	0.44	0.49	1.18	1.07	1.27	2.47
BIOLOGY (1.00)	PERCENT	91.97	90.98	90.32	90.48	91.13	90.96	89.22	86.23	85.44	91.50	88.81	84.83	77.27	70.90	67.24	82.16	64.02
	S.E.	0.99	2.31	1.44	2.25	3.51	2.28	1.00	1.69	1.68	1.33	1.95	2.55	0.88	1.81	1.62	2.45	4.63
AP/HONORS BIOLOGY (1.00)	PERCENT	5.08	3.80	2.36	6.41	3.24	11.96	2.78	1.51	1.57	4.32	0.91	5.43	7.44	4.40	3.16	12.24	2.98
	S.E.	0.68	1.76	0.69	2.06	1.46	5.50	0.38	0.35	0.53	1.20	0.61	2.09	0.68	1.25	0.56	2.64	1.10
CHEMISTRY (1.00)	PERCENT	52.25	40.27	38.81	64.06	38.58	43.51	47.73	29.81	29.42	69.90	30.13	45.89	34.22	20.49	15.38	51.39	28.83
	S.E.	1.42	2.16	2.81	3.40	3.37	3.62	1.24	1.65	1.50	3.68	2.56	3.41	0.79	1.53	1.08	3.41	5.31
AP/HONORS CHEMISTRY (1.00)	PERCENT	3.76	2.47	1.15	7.71	4.77	3.43	3.52	1.16	2.27	13.91	0.83	3.09	3.31	1.63	1.43	5.66	1.10
	S.E.	0.58	0.94	0.38	1.78	1.37	2.55	0.43	0.26	0.56	2.04	0.48	0.54	0.44	0.50	0.36	1.77	0.61
PHYSICS (1.00)	PERCENT	23.05	14.52	12.95	38.36	18.93	18.57	20.86	10.13	9.81	47.13	11.48	20.88	15.96	6.89	5.56	33.81	7.24
	S.E.	0.90	1.91	1.33	3.16	2.88	2.72	0.95	1.09	1.05	4.38	2.90	2.42	0.71	0.85	0.60	3.64	1.77
AP/HONORS PHYSICS (1.00)	PERCENT	2.11	0.73	0.99	5.92	2.72	4.41	1.67	0.39	0.82	5.66	1.82	2.88	1.17	0.93	0.37	3.51	0.00
	S.E.	0.39	0.34	0.38	2.57	1.35	1.74	0.27	0.14	0.27	1.51	0.75	1.72	0.20	0.30	0.14	1.34	0.00
ENGINEERING (1.00)	PERCENT	0.07	0.14	0.00	0.00	0.00	0.32	0.05	0.44	0.08	0.43	0.00	0.00	0.15	0.14	0.08	0.00	0.00
	S.E.	0.04	0.10	0.00	0.00	0.00	0.33	0.02	0.38	0.07	0.21	0.00	0.00	0.06	0.14	0.07	0.00	0.00
ASTRONOMY (0.50)	PERCENT	1.42	0.40	1.07	0.67	2.17	1.86	0.94	0.32	0.76	0.67	0.70	2.53	1.33	0.39	0.53	0.00	0.00
	S.E.	0.37	0.20	0.50	0.34	1.31	1.35	0.18	0.19	0.21	0.32	0.51	1.04	0.31	0.24	0.21	0.00	0.00
GEOLOGY (0.50)	PERCENT	28.25	15.77	14.19	15.63	30.61	34.84	14.41	18.82	11.76	13.29	13.42	16.01	14.83	10.25	11.20	11.26	14.33
	S.E.	3.03	2.51	3.12	1.94	7.96	10.14	2.19	2.70	1.81	3.68	2.41	5.92	1.16	1.28	1.23	2.82	2.88
BIOLOGY+CHEMISTRY (2.00)	PERCENT	50.91	39.62	36.80	60.50	37.59	41.04	46.01	28.63	28.15	66.03	27.81	43.11	31.33	18.31	13.94	46.93	20.16
	S.E.	1.43	2.19	2.61	2.94	3.36	4.23	1.29	1.69	1.44	3.90	2.43	3.71	0.70	1.39	1.03	3.22	3.69
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	PERCENT	20.66	12.06	10.17	33.79	15.98	14.12	17.92	8.78	8.23	42.37	8.37	17.53	12.13	4.62	3.89	27.26	6.35
	S.E.	0.82	1.26	1.20	2.39	2.56	1.97	0.82	1.07	0.80	4.36	2.47	2.39	0.49	0.72	0.45	3.21	1.69

Table 45. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Student Program

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
ANY SCIENCE (1.00)	PERCENT	100.00	97.26	99.89	97.40	99.97	97.24	99.97	95.11	99.80	91.92	99.54	90.79
	S.E.	0.00	1.01	0.07	0.81	0.02	0.68	0.04	1.37	0.06	0.95	0.45	1.02
BIOLOGY (1.00)	PERCENT	95.71	73.87	95.48	77.66	95.79	72.31	91.98	73.81	91.83	58.35	87.66	62.24
	S.E.	0.59	3.44	0.88	3.21	0.55	3.04	2.03	1.95	0.54	2.23	2.31	1.38
AP/HONORS BIOLOGY (1.00)	PERCENT	6.41	1.84	2.84	0.84	4.53	0.01	0.40	0.20	12.21	0.96	6.59	2.82
	S.E.	0.99	0.93	0.97	0.43	0.59	0.01	0.19	0.12	1.01	0.29	1.51	0.42
CHEMISTRY (1.00)	PERCENT	64.63	4.81	30.18	11.46	65.91	4.91	26.73	12.55	59.17	5.78	31.47	9.63
	S.E.	1.23	0.93	2.25	1.78	1.22	0.74	2.24	1.30	0.93	1.00	2.93	0.54
AP/HONORS CHEMISTRY (1.00)	PERCENT	4.84	0.00	1.59	0.04	5.39	0.03	0.69	0.47	6.35	0.03	1.74	0.45
	S.E.	0.65	0.00	0.87	0.03	0.51	0.03	0.24	0.28	0.82	0.02	0.62	0.15
PHYSICS (1.00)	PERCENT	29.32	1.41	7.38	2.47	30.69	0.90	8.46	1.44	29.97	1.42	10.44	1.69
	S.E.	0.99	0.67	1.08	0.68	1.25	0.38	1.28	0.49	1.03	0.46	1.98	0.24
AP/HONORS PHYSICS (1.00)	PERCENT	2.90	0.00	0.42	0.00	2.74	0.06	0.16	0.04	2.37	0.11	0.36	0.12
	S.E.	0.53	0.00	0.14	0.00	0.45	0.06	0.11	0.04	0.39	0.11	0.27	0.06
ENGINEERING (1.00)	PERCENT	0.08	0.00	0.17	0.05	0.14	0.00	0.09	0.04	0.21	0.14	0.10	0.05
	S.E.	0.04	0.00	0.11	0.04	0.07	0.00	0.09	0.03	0.09	0.10	0.10	0.05
ASTRONOMY (0.50)	PERCENT	1.45	0.48	1.04	0.83	1.19	0.50	0.77	0.71	1.45	0.83	1.41	0.77
	S.E.	0.35	0.39	0.44	0.37	0.22	0.27	0.26	0.18	0.31	0.71	0.80	0.29
GEOLOGY (0.50)	PERCENT	25.26	24.21	31.87	21.41	15.47	12.53	16.93	13.56	15.97	11.55	18.74	11.82
	S.E.	2.49	3.74	4.04	3.14	1.84	2.29	3.56	1.74	1.31	1.56	3.23	1.11
BIOLOGY+CHEMISTRY (2.00)	PERCENT	63.05	3.99	29.75	9.85	64.06	3.94	26.07	9.92	55.66	3.53	28.04	7.51
	S.E.	1.25	0.84	2.21	1.73	1.22	0.65	2.22	0.84	0.89	0.67	2.49	0.47
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	PERCENT	26.25	0.32	5.76	0.95	27.11	0.06	5.50	0.13	23.97	0.19	5.13	0.58
	S.E.	0.87	0.07	0.83	0.47	1.06	0.08	0.95	0.05	0.81	0.09	1.09	0.16

Table 46. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990 and 1987 by Community Type

COURSES TAKEN		1990 GRADUATES				1987 GRADUATES			
		BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ANY SCIENCE (1.00)	PERCENT	99.60	99.40	99.75	99.32	99.26	98.21	98.58	98.93
	S.E.	0.15	0.29	0.11	0.26	0.26	0.92	0.63	0.33
BIOLOGY (1.00)	PERCENT	93.99	89.94	91.49	91.87	88.29	87.10	88.44	89.16
	S.E.	1.35	1.59	1.58	1.58	2.18	1.69	1.60	1.47
AP/HONORS BIOLOGY (1.00)	PERCENT	5.83	3.88	4.19	5.51	2.56	3.91	4.03	1.65
	S.E.	2.26	0.95	0.84	1.30	0.51	0.97	1.16	0.40
CHEMISTRY (1.00)	PERCENT	51.60	53.91	49.37	46.77	39.80	51.73	46.24	41.13
	S.E.	2.98	2.37	3.04	1.88	3.09	1.52	3.20	1.84
AP/HONORS CHEMISTRY (1.00)	PERCENT	3.44	4.19	3.92	3.07	3.31	4.00	5.72	2.13
	S.E.	0.77	1.16	0.92	0.82	0.76	0.53	1.14	0.47
PHYSICS (1.00)	PERCENT	22.46	24.26	21.58	19.64	18.80	22.51	17.75	18.35
	S.E.	2.05	1.36	2.98	1.10	2.23	1.33	1.66	1.61
AP/HONORS PHYSICS (1.00)	PERCENT	4.77	2.00	2.35	1.19	1.80	2.03	2.84	0.95
	S.E.	1.60	0.50	0.69	0.46	0.27	0.68	0.68	0.32
ENGINEERING (1.00)	PERCENT	0.21	0.08	0.00	0.07	0.35	0.06	0.00	0.08
	S.E.	0.12	0.04	0.00	0.07	0.31	0.03	0.00	0.04
ASTRONOMY (0.50)	PERCENT	2.88	1.19	1.26	0.79	1.42	1.57	0.72	0.51
	S.E.	1.27	0.48	0.91	0.39	0.78	0.38	0.42	0.16
GEOLOGY (0.50)	PERCENT	15.90	25.29	18.83	29.74	14.19	18.70	12.36	13.35
	S.E.	3.47	3.53	3.50	4.44	2.81	2.59	3.30	3.58
BIOLOGY+CHEMISTRY (2.00)	PERCENT	49.87	51.71	48.93	45.64	37.87	49.09	44.69	39.92
	S.E.	3.04	2.44	2.98	1.86	3.08	1.81	3.18	1.88
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	PERCENT	19.87	21.20	19.37	17.24	14.99	19.47	15.86	15.85
	S.E.	1.95	1.25	2.22	0.96	1.93	1.53	1.42	1.17

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 47. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ANY SCIENCE (1.00)	PERCENT	99.38	99.88	98.59	99.89	94.81	98.68
	S.E.	0.16	0.06	0.37	0.07	0.51	0.31
BIOLOGY (1.00)	PERCENT	91.07	96.99	87.48	96.41	73.43	90.80
	S.E.	1.03	0.48	0.96	1.23	0.86	1.81
AP/HONORS BIOLOGY (1.00)	PERCENT	5.08	3.93	2.23	8.05	6.52	7.45
	S.E.	0.80	0.86	0.31	1.95	0.57	1.71
CHEMISTRY (1.00)	PERCENT	47.85	67.00	41.99	70.90	28.63	49.21
	S.E.	1.37	2.68	1.05	3.23	0.58	3.32
AP/HONORS CHEMISTRY (1.00)	PERCENT	3.66	2.13	3.21	5.01	2.66	4.96
	S.E.	0.54	0.49	0.31	1.16	0.29	1.97
PHYSICS (1.00)	PERCENT	20.44	31.55	18.49	29.17	12.98	21.88
	S.E.	0.87	2.21	0.97	2.18	0.58	2.42
AP/HONORS PHYSICS (1.00)	PERCENT	1.93	3.18	1.35	4.69	1.03	1.41
	S.E.	0.40	0.78	0.22	1.74	0.15	0.63
ENGINEERING (1.00)	PERCENT	0.08	0.14	0.11	0.00	0.14	0.11
	S.E.	0.04	0.13	0.05	0.00	0.05	0.10
ASTRONOMY (0.50)	PERCENT	1.31	0.69	1.05	0.30	1.21	0.13
	S.E.	0.35	0.26	0.20	0.22	0.28	0.08
GEOLOGY (0.50)	PERCENT	25.64	22.12	15.19	11.64	14.44	9.23
	S.E.	2.68	4.08	2.17	4.08	1.05	2.06
BIOLOGY+CHEMISTRY (2.00)	PERCENT	46.46	65.30	40.19	69.29	25.81	46.57
	S.E.	1.37	2.63	1.15	3.16	0.58	3.60
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	PERCENT	17.94	28.30	15.87	25.22	9.71	17.30
	S.E.	0.71	1.97	0.82	2.32	0.46	1.79

Table 48. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Region

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST
ANY SCIENCE (1.00)	PERCENT	99.62	99.65	98.88	99.61	99.33	99.58	97.45	98.53	94.80	97.44	93.81	94.15
	S.E.	0.09	0.26	0.42	0.13	0.27	0.13	1.02	0.61	1.27	0.48	1.00	0.85
BIOLOGY (1.00)	PERCENT	94.76	95.52	83.88	92.19	89.49	92.62	82.39	89.14	78.77	79.95	69.74	71.40
	S.E.	1.26	1.48	2.56	1.63	1.79	0.90	2.31	1.28	1.36	1.03	1.39	2.14
AP/HONORS BIOLOGY (1.00)	PERCENT	7.67	6.11	2.26	3.84	5.77	2.58	1.87	0.97	9.63	5.75	6.65	4.01
	S.E.	1.58	1.73	0.72	1.71	1.19	0.57	0.50	0.33	1.55	0.88	0.80	0.68
CHEMISTRY (1.00)	PERCENT	59.72	49.04	45.25	45.74	57.57	41.39	40.72	41.20	43.35	26.37	30.51	22.22
	S.E.	1.48	2.13	2.92	2.77	3.14	2.23	1.54	1.88	2.00	1.06	1.30	1.39
AP/HONORS CHEMISTRY (1.00)	PERCENT	4.66	3.23	3.29	3.09	3.99	4.19	2.22	3.10	6.16	1.54	1.90	2.75
	S.E.	1.71	0.46	0.84	0.77	0.89	0.70	0.35	1.09	1.44	0.31	0.22	0.92
PHYSICS (1.00)	PERCENT	28.89	17.54	21.60	19.98	28.30	15.63	17.02	19.33	21.85	9.04	14.75	10.60
	S.E.	1.71	1.50	1.79	1.71	1.68	1.72	1.61	2.69	1.62	0.61	1.09	1.52
AP/HONORS PHYSICS (1.00)	PERCENT	2.25	1.18	1.68	3.82	2.90	1.86	0.85	1.16	1.90	0.62	0.97	0.92
	S.E.	0.60	0.35	0.69	1.38	0.98	0.35	0.33	0.50	0.52	0.17	0.26	0.39
ENGINEERING (1.00)	PERCENT	0.09	0.14	0.00	0.09	0.30	0.02	0.00	0.16	0.33	0.04	0.13	0.06
	S.E.	0.06	0.11	0.00	0.03	0.20	0.02	0.00	0.09	0.16	0.03	0.08	0.05
ASTRONOMY (0.50)	PERCENT	1.45	1.31	1.70	0.32	1.34	1.03	0.86	0.63	1.48	1.03	1.22	0.46
	S.E.	0.68	0.53	0.80	0.22	0.48	0.29	0.41	0.13	0.45	0.55	0.49	0.28
GEOLOGY (0.50)	PERCENT	42.90	18.22	19.66	26.06	29.27	10.79	10.33	11.27	22.71	10.76	11.24	12.13
	S.E.	6.87	3.78	4.17	5.27	6.55	3.20	1.47	1.97	2.72	1.28	1.13	1.80
BIOLOGY+CHEMISTRY (2.00)	PERCENT	58.37	48.15	43.02	44.49	56.19	40.28	37.88	39.51	40.91	24.37	27.13	18.45
	S.E.	1.53	2.13	2.98	2.69	3.20	2.07	1.96	1.90	1.98	0.86	1.11	1.44
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	PERCENT	25.60	15.71	18.90	17.11	25.63	14.00	13.80	15.32	18.61	6.61	10.34	6.91
	S.E.	1.21	1.29	1.54	1.46	1.52	1.60	1.65	2.04	1.31	0.60	0.74	1.00

Table 49. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982

COURSES TAKEN		1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
FOREIGN LANGUAGE (1.00)	PERCENT	70.40	64.64	48.77
	S.E.	1.14	1.35	0.97
FRENCH (1.00)	PERCENT	20.17	21.14	16.25
	S.E.	0.88	1.08	0.57
SPANISH (1.00)	PERCENT	44.80	38.62	28.29
	S.E.	1.19	1.21	0.66
GERMAN (1.00)	PERCENT	5.59	4.89	4.34
	S.E.	0.47	0.62	0.32
FOR LANG OTHER FR,SP,OR GER (1.00)	PERCENT	6.16	6.23	4.84
	S.E.	0.60	0.72	0.42
LATIN (1.00)	PERCENT	4.06	4.52	3.53
	S.E.	0.46	0.59	0.43
JAPANESE (1.00)	PERCENT	0.61	0.08	0.14
	S.E.	0.36	0.03	0.04
MANDARIN/CANTONESE (1.00)	PERCENT	0.07	0.06	0.02
	S.E.	0.03	0.03	0.01
RUSSIAN (1.00)	PERCENT	0.25	0.20	0.08
	S.E.	0.08	0.06	0.04

Table 50. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by Gender

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
FOREIGN LANGUAGE (1.00)	PERCENT	75.88	64.38	70.96	57.91	55.70	41.38
	S.E.	1.14	1.28	1.37	1.52	1.32	1.41
FRENCH (1.00)	PERCENT	24.51	15.45	26.38	15.57	20.15	12.08
	S.E.	1.11	0.81	1.26	0.99	0.72	0.71
SPANISH (1.00)	PERCENT	47.28	42.02	41.63	35.45	31.90	24.44
	S.E.	1.37	1.22	1.50	1.06	1.06	0.82
GERMAN (1.00)	PERCENT	5.09	6.15	4.37	5.42	4.57	4.09
	S.E.	0.51	0.52	0.55	0.75	0.51	0.31
FOR LANG OTHER FR,SP,OR GER (1.00)	PERCENT	6.36	5.96	6.32	6.15	5.45	4.20
	S.E.	0.69	0.63	0.81	0.78	0.45	0.54
LATIN (1.00)	PERCENT	4.10	4.02	4.49	4.56	4.06	2.96
	S.E.	0.49	0.48	0.62	0.66	0.43	0.53
JAPANESE (1.00)	PERCENT	0.62	0.61	0.03	0.13	0.15	0.13
	S.E.	0.32	0.41	0.02	0.05	0.04	0.05
MANDARIN/CANTONESE (1.00)	PERCENT	0.07	0.06	0.05	0.07	0.02	0.02
	S.E.	0.05	0.03	0.03	0.04	0.01	0.01
RUSSIAN (1.00)	PERCENT	0.23	0.27	0.17	0.22	0.09	0.07
	S.E.	0.08	0.09	0.05	0.08	0.05	0.03

Table 51. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by Race/Ethnicity

		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
COURSES TAKEN		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
FOREIGN LANGUAGE (1.00)	PERCENT	71.46	61.76	72.12	83.31	62.59	67.09	65.22	55.43	63.48	83.28	47.62	69.71	51.29	39.17	39.81	74.26	37.23
	S.E.	1.39	3.02	1.54	2.20	4.99	2.74	1.62	2.95	1.92	2.48	6.95	3.42	1.07	2.14	1.50	2.48	5.41
FRENCH (1.00)	PERCENT	21.00	16.75	17.57	25.26	14.33	18.18	22.06	15.97	14.10	34.52	11.34	22.77	17.86	11.83	8.76	25.90	13.60
	S.E.	1.03	1.65	1.92	5.04	2.78	1.78	1.38	1.46	1.07	2.52	2.55	2.47	0.69	1.50	0.88	4.13	3.54
SPANISH (1.00)	PERCENT	43.89	44.13	55.80	42.29	44.06	44.72	37.53	38.32	51.06	44.74	32.42	37.71	28.09	26.47	30.99	39.42	22.79
	S.E.	1.38	2.82	2.49	4.75	4.30	2.85	1.43	2.42	2.53	1.97	4.00	3.58	0.75	1.55	1.32	3.09	4.28
GERMAN (1.00)	PERCENT	7.04	1.35	2.12	3.55	1.70	2.44	5.61	1.57	1.22	4.60	4.09	6.39	5.28	0.93	1.05	8.23	2.72
	S.E.	0.59	0.44	0.43	1.25	1.01	0.92	0.76	0.44	0.28	1.11	1.88	1.55	0.43	0.31	0.28	2.78	1.39
FOR LANG OTHER FR,SP,OR GER (1.00)	PERCENT	6.21	3.25	3.81	20.25	7.09	7.55	6.65	3.51	2.42	10.05	3.03	8.58	5.25	4.14	1.90	13.92	3.18
	S.E.	0.63	0.80	0.68	7.84	2.77	1.04	0.85	0.74	0.64	1.65	1.25	2.00	0.43	1.90	0.34	2.68	1.68
LATIN (1.00)	PERCENT	4.65	2.51	1.48	5.15	2.22	2.77	5.09	3.05	1.44	7.52	2.00	3.37	3.88	3.74	0.94	4.46	2.86
	S.E.	0.52	0.65	0.34	1.69	1.20	0.87	0.73	0.71	0.48	1.67	1.10	1.08	0.43	1.92	0.25	1.40	1.66
JAPANESE (1.00)	PERCENT	0.20	0.47	0.27	10.60	0.00	0.77	0.04	0.00	0.11	1.20	0.44	0.16	0.03	0.05	0.10	7.10	0.00
	S.E.	0.05	0.41	0.11	9.21	0.00	0.79	0.03	0.00	0.09	0.38	0.44	0.12	0.02	0.05	0.10	1.84	0.00
MANDARIN/CANTONESE (1.00)	PERCENT	0.00	0.00	0.15	1.60	0.00	0.09	0.06	0.00	0.07	0.28	0.00	0.04	0.00	0.00	0.00	1.09	0.09
	S.E.	0.00	0.00	0.15	0.64	0.00	0.10	0.04	0.00	0.06	0.19	0.00	0.04	0.00	0.00	0.00	0.59	0.09
RUSSIAN (1.00)	PERCENT	0.28	0.09	0.40	0.08	0.00	0.27	0.22	0.11	0.00	0.27	0.00	0.26	0.08	0.13	0.00	0.45	0.01
	S.E.	0.09	0.05	0.22	0.08	0.00	0.25	0.07	0.10	0.00	0.18	0.00	0.13	0.04	0.10	0.00	0.44	0.01

Table 52. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by Student Program

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
FOREIGN LANGUAGE (1.00)	PERCENT	82.27	28.85	48.77	48.37	80.35	30.94	46.42	45.92	72.49	22.05	32.48	36.50
	S.E.	0.94	2.41	2.39	2.16	1.49	1.74	2.65	1.44	1.19	1.48	2.24	1.11
FRENCH (1.00)	PERCENT	24.52	8.39	11.23	10.83	27.61	7.64	12.76	13.53	26.79	5.72	9.47	10.05
	S.E.	0.88	1.31	1.18	1.52	1.41	0.94	1.18	0.98	0.89	0.76	1.38	0.70
SPANISH (1.00)	PERCENT	51.63	18.94	34.09	31.96	46.47	21.22	30.20	29.36	39.57	14.23	20.40	23.14
	S.E.	1.11	2.09	2.09	1.79	1.46	1.37	1.83	1.18	1.18	1.03	2.10	0.98
GERMAN (1.00)	PERCENT	6.26	2.11	2.71	6.26	6.38	1.48	2.87	3.41	6.68	1.87	1.27	3.25
	S.E.	0.51	0.66	0.64	1.75	0.84	0.33	0.67	0.51	0.57	0.37	0.60	0.35
FOR LANG OTHER FR,SP,OR GER (1.00)	PERCENT	7.74	1.04	3.00	3.22	8.73	1.61	2.09	3.28	8.65	1.59	2.88	2.26
	S.E.	0.71	0.48	0.72	1.38	1.00	0.35	0.35	0.79	0.88	0.30	0.73	0.26
LATIN (1.00)	PERCENT	5.40	0.28	1.41	1.15	6.68	0.66	1.00	1.83	6.70	0.95	1.90	1.31
	S.E.	0.59	0.13	0.43	0.38	0.88	0.15	0.30	0.34	0.92	0.23	0.65	0.21
JAPANESE (1.00)	PERCENT	0.77	0.08	0.78	0.00	0.12	0.00	0.13	0.01	0.21	0.03	0.43	0.08
	S.E.	0.45	0.08	0.54	0.00	0.04	0.00	0.07	0.01	0.06	0.03	0.21	0.06
MANDARIN/CANTONESE (1.00)	PERCENT	0.07	0.28	0.00	0.00	0.09	0.00	0.01	0.00	0.02	0.00	0.00	0.02
	S.E.	0.03	0.29	0.00	0.00	0.06	0.00	0.02	0.00	0.02	0.00	0.00	0.02
RUSSIAN (1.00)	PERCENT	0.35	0.00	0.10	0.00	0.28	0.08	0.07	0.07	0.17	0.00	0.19	0.00
	S.E.	0.11	0.00	0.07	0.00	0.09	0.01	0.07	0.05	0.08	0.00	0.19	0.00

Table 53. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990 and 1987 by Community Type

		1990 GRADUATES				1987 GRADUATES			
COURSES TAKEN		BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
FOREIGN LANGUAGE (1.00)	PERCENT	75.85	76.51	73.55	64.66	71.26	71.95	66.90	56.56
	S.E.	2.51	1.73	2.64	2.08	3.27	1.74	3.38	2.42
FRENCH (1.00)	PERCENT	21.13	20.72	23.71	18.71	22.99	22.70	20.94	19.50
	S.E.	1.19	1.25	2.16	1.61	2.70	1.45	2.71	1.76
SPANISH (1.00)	PERCENT	49.90	48.76	44.25	41.25	42.45	43.00	39.23	34.09
	S.E.	2.53	1.64	2.19	2.09	2.39	1.82	2.92	2.19
GERMAN (1.00)	PERCENT	4.24	6.12	6.05	5.59	4.25	5.64	5.58	4.35
	S.E.	1.07	0.71	0.90	0.97	0.64	0.61	1.58	1.08
FOR LANG OTHER FR,SP,OR GER (1.00)	PERCENT	7.57	7.97	7.21	4.50	10.36	7.45	7.61	3.49
	S.E.	1.03	1.47	1.55	0.68	2.00	1.03	2.28	0.93
LATIN (1.00)	PERCENT	4.25	4.07	5.97	3.52	6.19	5.06	6.06	3.02
	S.E.	0.85	0.87	1.42	0.56	1.69	0.65	1.62	0.95
JAPANESE (1.00)	PERCENT	0.49	1.89	0.04	0.10	0.14	0.18	0.05	0.01
	S.E.	0.09	1.45	0.03	0.06	0.09	0.08	0.03	0.01
MANDARIN/CANTONESE (1.00)	PERCENT	0.26	0.04	0.00	0.04	0.23	0.01	0.15	0.00
	S.E.	0.18	0.03	0.00	0.02	0.16	0.00	0.15	0.00
RUSSIAN (1.00)	PERCENT	0.53	0.43	0.41	0.03	0.64	0.19	0.04	0.11
	S.E.	0.37	0.16	0.24	0.02	0.28	0.05	0.04	0.07

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 54. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
FOREIGN LANGUAGE (1.00)	PERCENT	68.64	87.57	62.32	86.60	45.27	78.11
	S.E.	1.22	1.77	1.45	2.63	0.91	2.89
FRENCH (1.00)	PERCENT	19.49	26.83	20.41	27.94	14.90	27.51
	S.E.	0.95	2.08	1.07	3.02	0.55	1.80
SPANISH (1.00)	PERCENT	43.70	55.53	37.35	50.61	26.52	43.16
	S.E.	1.22	2.22	1.21	3.40	0.72	1.58
GERMAN (1.00)	PERCENT	5.90	2.57	5.11	2.84	4.25	5.09
	S.E.	0.51	0.67	0.60	1.22	0.32	1.12
FOR LANG OTHER FR,SP,OR GER (1.00)	PERCENT	5.45	13.07	5.01	17.74	4.06	11.39
	S.E.	0.62	1.77	0.54	3.42	0.43	1.71
LATIN (1.00)	PERCENT	3.44	10.01	3.72	12.07	2.93	8.52
	S.E.	0.45	1.64	0.53	2.61	0.41	2.06
JAPANESE (1.00)	PERCENT	0.63	0.47	0.08	0.12	0.16	0.00
	S.E.	0.37	0.33	0.03	0.07	0.04	0.00
MANDARIN/CANTONESE (1.00)	PERCENT	0.05	0.26	0.04	0.24	0.02	0.00
	S.E.	0.03	0.13	0.03	0.22	0.01	0.00
RUSSIAN (1.00)	PERCENT	0.21	0.64	0.21	0.13	0.07	0.20
	S.E.	0.07	0.38	0.06	0.09	0.04	0.11

Table 55. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by Region

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST
FOREIGN LANGUAGE (1.00)	PERCENT	79.41	65.71	66.15	74.44	78.95	58.18	57.80	68.98	64.64	40.78	42.46	52.92
	S.E.	1.23	2.11	2.87	1.55	2.29	1.98	2.48	2.23	1.78	1.98	1.27	2.07
FRENCH (1.00)	PERCENT	25.75	18.53	17.64	20.39	27.06	20.33	19.67	17.56	25.55	15.36	12.16	12.18
	S.E.	2.19	1.23	2.04	1.25	2.96	1.73	1.56	2.73	1.60	1.27	0.72	0.99
SPANISH (1.00)	PERCENT	49.55	43.97	40.04	47.59	41.18	34.00	34.92	49.22	34.49	24.09	24.35	34.60
	S.E.	3.01	2.02	2.71	1.83	2.88	1.52	1.50	3.94	1.72	1.27	1.08	1.57
GERMAN (1.00)	PERCENT	3.71	3.49	9.50	5.84	7.48	2.92	5.32	4.38	5.30	1.73	5.56	5.75
	S.E.	0.76	0.59	1.15	1.13	2.28	0.52	0.79	1.24	0.76	0.27	0.64	0.71
FOR LANG OTHER FR,SP,OR GER (1.00)	PERCENT	10.09	4.75	4.19	7.01	13.92	6.91	1.90	2.56	10.15	3.29	3.10	3.46
	S.E.	1.16	0.74	1.30	1.90	2.74	1.04	0.45	0.66	1.10	0.90	0.58	1.09
LATIN (1.00)	PERCENT	7.34	4.03	2.55	2.60	8.04	6.60	1.46	1.54	6.87	3.06	2.35	1.83
	S.E.	1.13	0.66	0.89	0.98	2.14	1.00	0.24	0.47	1.08	0.89	0.52	0.80
JAPANESE (1.00)	PERCENT	0.01	0.04	0.36	2.59	0.04	0.03	0.04	0.29	0.05	0.00	0.00	0.80
	S.E.	0.01	0.03	0.35	1.83	0.03	0.02	0.03	0.11	0.05	0.00	0.00	0.22
MANDARIN/CANTONESE (1.00)	PERCENT	0.21	0.02	0.00	0.10	0.10	0.02	0.08	0.03	0.02	0.00	0.00	0.08
	S.E.	0.12	0.02	0.00	0.07	0.10	0.01	0.09	0.03	0.02	0.00	0.00	0.06
RUSSIAN (1.00)	PERCENT	0.19	0.32	0.10	0.41	0.26	0.09	0.26	0.20	0.11	0.03	0.14	0.03
	S.E.	0.10	0.14	0.08	0.28	0.06	0.06	0.17	0.13	0.07	0.03	0.10	0.03

Table 56. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982

COURSES TAKEN		1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ANY VISUAL & PERFORMING ARTS (1.00)	PERCENT	63.14	56.64	53.86
	S.E.	1.47	1.37	0.91
VISUAL ARTS (0.50)	PERCENT	47.22	39.71	42.71
	S.E.	1.43	1.58	1.01
DANCE (0.50)	PERCENT	4.57	3.53	1.65
	S.E.	0.69	0.45	0.15
THEATER PERFORMANCE (0.50)	PERCENT	11.06	9.47	5.50
	S.E.	1.09	0.67	0.31
MUSIC PERFORMANCE (0.50)	PERCENT	30.84	30.77	30.36
	S.E.	0.93	1.07	0.84
ART OR MUSIC APPRECIATION/HIST (1.00)	PERCENT	3.27	1.93	1.76
	S.E.	0.56	0.39	0.22

Table 57. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Gender

COURSES TAKEN		1990 GRADUATES FEMALE	1990 GRADUATES MALE	1987 GRADUATES FEMALE	1987 GRADUATES MALE	1982 GRADUATES FEMALE	1982 GRADUATES MALE
ANY VISUAL & PERFORMING ARTS (1.00)	PERCENT	68.29	57.47	61.46	51.54	58.55	48.85
	S.E.	1.42	1.69	1.29	1.61	1.18	1.11
VISUAL ARTS (0.50)	PERCENT	44.25	50.47	37.73	41.81	42.62	42.81
	S.E.	1.48	1.63	1.41	1.91	1.26	1.24
DANCE (0.50)	PERCENT	8.01	0.80	6.56	0.29	3.12	0.07
	S.E.	1.22	0.19	0.82	0.07	0.28	0.03
THEATER PERFORMANCE (0.50)	PERCENT	13.12	8.81	11.85	6.95	6.65	4.28
	S.E.	1.28	0.98	0.85	0.59	0.51	0.29
MUSIC PERFORMANCE (0.50)	PERCENT	39.14	21.73	37.48	23.65	36.06	24.28
	S.E.	1.16	0.95	1.15	1.18	1.04	1.08
ART OR MUSIC APPRECIATION/HIST (1.00)	PERCENT	3.73	2.77	1.80	2.07	1.96	1.54
	S.E.	0.65	0.54	0.35	0.47	0.27	0.30

Table 58. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Race/Ethnicity

COURSES TAKEN		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
ANY VISUAL & PERFORMING ARTS (1.00)	PERCENT	62.99	61.45	67.32	63.11	45.19	67.25	56.32	54.23	61.11	53.44	64.55	59.54	54.12	53.28	53.47	52.36	50.52
	S.E.	1.74	2.44	2.60	3.30	4.76	6.79	1.76	2.73	1.84	2.58	3.41	3.20	1.02	2.35	1.87	5.95	4.55
VISUAL ARTS (0.50)	PERCENT	47.01	40.69	58.07	48.79	47.12	51.57	37.69	34.78	52.57	41.03	55.23	52.08	42.04	41.58	45.80	48.09	52.78
	S.E.	1.63	2.87	2.78	3.76	4.66	5.03	2.09	2.54	1.93	2.47	2.88	3.94	1.14	2.26	1.72	3.66	5.06
DANCE (0.50)	PERCENT	3.71	5.56	9.60	7.33	4.06	4.99	2.50	5.57	7.76	6.04	4.53	5.40	1.35	2.54	2.81	2.65	1.02
	S.E.	0.68	1.07	1.81	1.48	1.86	1.98	0.44	1.08	1.66	1.06	1.24	1.51	0.15	0.69	0.60	1.11	0.50
THEATER PERFORMANCE (0.50)	PERCENT	11.89	9.32	9.16	5.09	6.89	11.52	9.75	7.51	7.73	7.94	4.01	12.33	5.75	5.39	4.99	2.59	1.93
	S.E.	1.39	1.60	0.88	0.88	2.57	2.99	0.72	0.98	0.93	1.50	1.62	3.60	0.36	0.85	0.69	1.31	0.86
MUSIC PERFORMANCE (0.50)	PERCENT	31.49	34.11	23.31	24.29	21.04	29.74	32.31	30.18	24.64	24.99	27.58	25.27	31.20	29.50	25.69	29.39	30.13
	S.E.	1.15	2.16	1.49	1.68	3.64	3.65	1.37	1.50	1.94	2.08	2.24	2.11	0.92	2.72	1.74	3.36	5.16
ART OR MUSIC APPRECIATION/HIST (1.00)	PERCENT	2.69	6.49	2.73	4.36	3.66	2.69	1.68	3.58	1.57	4.13	4.02	1.04	1.67	2.08	1.68	1.80	3.49
	S.E.	0.54	2.28	0.48	1.10	1.64	1.39	0.34	0.77	0.39	2.99	1.80	0.61	0.26	0.52	0.34	0.92	1.62

Table 59. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Student Program

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
ANY VISUAL & PERFORMING ARTS (1.00)	PERCENT	65.66	48.08	49.61	68.64	58.56	44.14	42.15	66.08	52.82	42.90	43.81	62.08
	S.E.	1.55	3.59	2.71	1.90	1.37	2.51	2.01	1.71	1.43	1.81	3.42	1.26
VISUAL ARTS (0.50)	PERCENT	46.46	42.22	41.61	58.21	38.73	34.22	30.71	51.07	38.66	39.39	34.88	50.36
	S.E.	1.61	2.96	2.67	2.40	1.63	2.53	1.86	2.20	1.44	1.87	3.42	1.33
DANCE (0.50)	PERCENT	4.55	2.41	4.75	5.83	3.76	1.93	2.46	4.44	1.60	0.68	1.38	2.22
	S.E.	0.69	0.77	1.33	1.32	0.46	0.50	0.51	0.85	0.22	0.25	0.57	0.27
THEATER PERFORMANCE (0.50)	PERCENT	11.02	7.29	8.15	15.55	10.14	6.54	4.09	11.88	5.68	2.62	1.76	7.30
	S.E.	0.86	1.54	1.46	3.47	0.70	0.90	0.66	1.49	0.57	0.56	0.64	0.57
MUSIC PERFORMANCE (0.50)	PERCENT	33.15	20.99	19.43	32.90	32.67	23.05	19.88	35.15	32.77	21.92	23.58	32.75
	S.E.	1.02	2.35	1.64	1.83	1.28	1.73	1.72	1.37	1.29	1.19	2.14	0.98
ART OR MUSIC APPRECIATION/HIST (1.00)	PERCENT	3.50	2.08	1.92	3.73	2.33	0.52	2.41	1.41	2.15	1.14	1.57	1.63
	S.E.	0.61	0.70	0.56	1.11	0.53	0.16	0.78	0.34	0.27	0.44	0.71	0.34

Table 60. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990 and 1987 by Community Type

COURSES TAKEN		1990 GRADUATES				1987 GRADUATES			
		BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ANY VISUAL & PERFORMING ARTS (1.00)	PERCENT	66.58	62.14	63.74	62.51	64.75	54.82	56.29	55.26
	S.E.	3.60	2.47	4.20	2.37	2.27	2.18	2.67	2.69
VISUAL ARTS (0.50)	PERCENT	52.08	50.41	45.98	44.32	49.53	42.35	38.18	35.12
	S.E.	4.52	2.61	3.84	2.10	2.40	2.29	2.43	3.00
DANCE (0.50)	PERCENT	4.13	7.67	4.73	2.97	6.49	5.44	2.10	1.74
	S.E.	0.98	1.19	2.81	0.85	1.42	0.78	0.67	0.70
THEATER PERFORMANCE (0.50)	PERCENT	12.76	10.76	8.96	11.23	9.75	12.13	11.89	6.67
	S.E.	1.69	1.12	2.22	2.15	1.22	1.15	2.73	0.98
MUSIC PERFORMANCE (0.50)	PERCENT	29.01	26.63	34.20	32.86	27.93	23.97	34.70	34.97
	S.E.	2.37	1.46	3.44	1.44	2.43	1.23	2.49	1.82
ART OR MUSIC APPRECIATION/HIST (1.00)	PERCENT	7.88	2.31	2.02	2.73	7.33	0.66	1.55	1.09
	S.E.	2.64	0.37	0.71	0.74	2.20	0.22	0.48	0.32

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 61. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

COURSES TAKEN		1990 GRADUATES PUBLIC	1990 GRADUATES NON-PUBLIC	1987 GRADUATES PUBLIC	1987 GRADUATES NON-PUBLIC	1982 GRADUATES PUBLIC	1982 GRADUATES NON-PUBLIC
ANY VISUAL & PERFORMING ARTS (1.00)	PERCENT	63.61	58.52	56.88	54.35	54.33	49.94
	S.E.	1.58	2.68	1.39	4.93	0.95	3.90
VISUAL ARTS (0.50)	PERCENT	47.08	48.54	39.22	44.42	42.25	46.58
	S.E.	1.49	3.27	1.64	5.01	1.05	5.10
DANCE (0.50)	PERCENT	4.81	2.26	3.58	3.11	1.64	1.66
	S.E.	0.73	0.87	0.43	1.49	0.15	0.75
THEATER PERFORMANCE (0.50)	PERCENT	11.20	9.69	9.69	7.36	5.51	5.39
	S.E.	1.20	1.80	0.68	3.11	0.34	1.07
MUSIC PERFORMANCE (0.50)	PERCENT	31.48	24.67	31.41	24.77	31.16	23.67
	S.E.	0.96	2.53	1.09	2.93	0.88	1.90
ART OR MUSIC APPRECIATION/HIST (1.00)	PERCENT	2.97	6.14	1.64	4.65	1.24	6.08
	S.E.	0.57	2.20	0.36	1.88	0.20	1.06

Table 62. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Region

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST
ANY VISUAL & PERFORMING ARTS (1.00)	PERCENT	62.70	60.34	62.05	69.84	50.28	52.66	62.07	62.55	46.36	50.34	58.81	62.22
	S.E.	4.37	1.81	3.04	2.31	4.02	2.16	3.04	1.62	2.12	1.75	1.38	1.40
VISUAL ARTS (0.50)	PERCENT	53.85	38.49	45.63	56.99	37.28	31.05	43.84	50.83	39.76	36.32	45.11	54.69
	S.E.	2.81	2.88	2.24	3.00	4.16	3.09	3.02	1.31	2.52	1.63	1.63	1.97
DANCE (0.50)	PERCENT	0.90	5.40	2.06	10.56	1.76	2.65	2.38	9.03	0.62	1.02	1.05	5.34
	S.E.	0.61	1.49	0.81	1.80	0.50	0.55	0.47	1.62	0.23	0.16	0.31	0.68
THEATER PERFORMANCE (0.50)	PERCENT	7.59	10.76	11.70	14.42	5.70	6.81	10.81	13.06	3.63	4.36	6.04	9.32
	S.E.	1.54	1.57	3.15	1.50	1.64	0.63	1.45	2.17	0.50	0.65	0.50	0.97
MUSIC PERFORMANCE (0.50)	PERCENT	30.28	30.88	35.84	24.56	26.17	29.99	36.59	28.45	25.74	28.57	35.89	30.38
	S.E.	2.30	1.50	2.11	1.34	1.87	1.38	2.81	2.42	1.20	1.53	1.30	1.66
ART OR MUSIC APPRECIATION/HIST (1.00)	PERCENT	3.50	2.34	4.54	2.87	4.49	1.88	1.01	0.33	1.89	2.24	1.40	1.29
	S.E.	1.47	0.60	1.32	0.98	1.56	0.42	0.40	0.13	0.54	0.71	0.32	0.35

Table 63. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982

COURSES TAKEN		1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ANY PHYS ED,HEALTH AND SPORTS (1.00)	PERCENT	91.02	86.32	86.21
	S.E.	1.21	1.36	0.88
PHYSICAL EDUCATION (1.00)	PERCENT	68.37	66.91	67.94
	S.E.	3.08	3.12	1.11
HEALTH (0.50)	PERCENT	62.31	55.43	48.58
	S.E.	3.17	3.55	1.44
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	PERCENT	5.13	4.97	4.20
	S.E.	1.14	1.17	0.46
ANY PERSONAL & SOCIAL DEVELOP (1.00)	PERCENT	36.21	35.82	34.42
	S.E.	2.00	1.48	0.78
DRIVERS EDUCATION (0.25)	PERCENT	36.74	35.28	44.23
	S.E.	2.82	2.05	1.15

Table 64. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Gender

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
ANY PHYS ED,HEALTH AND SPORTS (1.00)	PERCENT	90.05	92.11	85.41	87.21	84.75	87.76
	S.E.	1.30	1.20	1.39	1.62	0.92	1.01
PHYSICAL EDUCATION (1.00)	PERCENT	67.29	69.53	66.10	67.66	66.25	69.73
	S.E.	3.08	3.22	3.37	3.12	1.13	1.31
HEALTH (0.50)	PERCENT	62.44	62.18	55.45	55.55	47.70	49.52
	S.E.	3.24	3.17	3.54	3.64	1.59	1.50
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	PERCENT	3.86	6.54	4.32	5.68	3.82	4.61
	S.E.	0.98	1.36	1.11	1.29	0.61	0.43
ANY PERSONAL & SOCIAL DEVELOP (1.00)	PERCENT	40.90	31.03	41.05	30.15	38.00	30.60
	S.E.	2.21	1.89	1.72	1.41	1.01	1.12
DRIVERS EDUCATION (0.25)	PERCENT	36.25	37.21	34.60	35.67	44.58	43.87
	S.E.	2.87	2.86	2.23	1.97	1.28	1.43

Table 65. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Race/Ethnicity

		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
COURSES TAKEN		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
ANY PHYS ED,HEALTH AND SPORTS (1.00)	PERCENT	91.52	88.02	93.04	93.52	92.48	85.03	87.31	86.71	91.02	92.67	87.31	71.48	85.99	88.06	85.28	89.74	86.87
	S.E.	1.44	2.50	1.05	1.73	1.99	6.42	1.78	2.46	1.63	1.58	3.75	5.17	1.05	1.84	1.63	1.99	2.98
PHYSICAL EDUCATION (1.00)	PERCENT	67.44	66.63	72.59	79.07	77.30	72.57	67.39	66.65	70.29	63.42	75.60	60.59	67.29	68.98	70.25	80.57	64.84
	S.E.	3.51	3.98	3.72	4.55	4.28	8.48	3.78	3.92	3.57	7.17	5.35	5.52	1.26	3.14	1.88	2.76	5.50
HEALTH (0.50)	PERCENT	64.07	49.44	64.87	61.67	63.96	70.61	55.41	52.20	60.54	59.14	52.91	55.46	49.26	41.61	50.01	52.48	49.34
	S.E.	3.53	4.77	6.53	8.57	6.38	9.95	4.15	5.33	5.64	7.97	2.90	9.66	1.67	3.15	2.08	5.17	6.54
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	PERCENT	4.87	6.12	7.30	3.84	6.78	2.87	5.22	5.67	5.77	5.04	5.31	1.13	3.85	3.11	6.59	9.85	5.90
	S.E.	1.16	1.70	2.96	1.86	3.05	2.43	1.38	2.00	2.09	1.52	2.05	0.48	0.56	1.09	0.81	2.14	2.08
ANY PERSONAL & SOCIAL DEVELOP (1.00)	PERCENT	36.38	30.62	40.71	43.19	35.50	37.69	34.97	31.69	43.93	47.40	49.96	37.48	33.89	31.31	37.60	43.80	46.05
	S.E.	2.26	3.03	3.16	3.40	5.02	6.28	1.82	2.72	2.57	4.49	2.04	5.12	0.79	2.36	1.98	2.74	5.30
DRIVERS EDUCATION (0.25)	PERCENT	35.63	36.62	45.41	42.78	41.03	34.10	37.51	25.72	25.19	32.25	26.72	39.41	46.05	32.21	41.81	45.88	52.01
	S.E.	3.14	4.19	4.68	10.06	8.16	8.81	2.37	2.49	3.33	7.32	8.12	5.91	1.26	2.34	1.86	2.35	5.84

Table 66. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Student Program

COURSES TAKEN		1990 GRADUATES ACAD.	VOC.	BOTH	NEITHER	1987 GRADUATES ACAD.	VOC.	BOTH	NEITHER	1982 GRADUATES ACAD.	VOC.	BOTH	NEITHER
ANY PHYS ED,HEALTH AND SPORTS (1.00)	PERCENT	90.22	93.26	91.62	93.47	85.20	88.15	89.05	87.40	85.40	87.30	87.80	86.38
	S.E.	1.34	1.60	1.49	1.06	1.96	1.22	1.97	2.10	1.03	1.37	1.83	1.24
PHYSICAL EDUCATION (1.00)	PERCENT	69.30	68.17	67.87	63.94	65.16	67.81	73.44	68.98	67.34	67.17	76.54	67.70
	S.E.	3.16	5.80	4.90	5.11	3.88	3.66	2.81	2.54	1.26	2.29	2.65	1.65
HEALTH (0.50)	PERCENT	61.57	61.48	62.95	66.17	52.80	63.44	49.20	61.13	48.20	52.01	44.40	47.96
	S.E.	3.23	5.93	4.37	4.33	3.60	4.20	4.81	3.92	2.02	2.56	3.62	1.54
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	PERCENT	5.56	3.48	3.43	5.11	3.54	6.83	4.07	8.72	3.21	3.85	3.24	5.69
	S.E.	1.14	1.28	1.13	2.11	0.93	1.99	1.12	1.92	0.45	0.56	1.21	0.82
ANY PERSONAL & SOCIAL DEVELOP (1.00)	PERCENT	36.96	28.83	26.07	44.00	37.10	29.21	31.04	38.60	33.68	27.04	21.42	40.96
	S.E.	2.15	2.95	2.33	3.35	1.81	2.46	2.27	2.28	0.98	1.73	1.96	1.48
DRIVERS EDUCATION (0.25)	PERCENT	37.13	34.09	36.47	36.39	35.77	33.38	36.83	34.35	40.98	45.11	44.43	47.62
	S.E.	2.81	4.53	3.74	4.61	2.26	2.42	2.98	3.16	1.60	2.07	3.22	1.24

Table 67. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990 and 1987 by Community Type

COURSES TAKEN		1990 GRADUATES				1987 GRADUATES			
		BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ANY PHYS ED,HEALTH AND SPORTS (1.00)	PERCENT	88.32	95.15	94.65	88.66	76.02	87.87	88.64	87.92
	S.E.	2.62	1.45	1.68	2.10	3.83	2.56	3.36	2.51
PHYSICAL EDUCATION (1.00)	PERCENT	63.75	72.26	66.89	67.97	47.14	67.40	64.14	74.31
	S.E.	6.18	5.31	14.03	4.02	5.10	3.38	9.80	3.70
HEALTH (0.50)	PERCENT	60.19	66.88	57.28	61.68	64.06	53.89	65.09	50.04
	S.E.	7.45	6.02	9.33	4.49	4.81	5.08	6.84	7.22
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	PERCENT	1.83	7.53	7.75	4.15	2.11	7.82	5.91	3.66
	S.E.	1.06	2.29	6.28	1.17	0.78	2.12	3.74	1.29
ANY PERSONAL & SOCIAL DEVELOP (1.00)	PERCENT	40.48	39.46	33.59	33.79	38.12	35.11	33.41	36.40
	S.E.	4.82	2.71	5.54	3.07	2.57	2.30	5.67	2.33
DRIVERS EDUCATION (0.25)	PERCENT	34.78	39.57	40.73	34.78	25.31	29.75	39.54	40.93
	S.E.	7.52	4.54	7.54	3.95	4.37	3.54	7.87	3.47

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 68. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ANY PHYS ED,HEALTH AND SPORTS (1.00)	PERCENT	92.49	76.73	88.74	63.42	87.39	76.26
	S.E.	1.17	4.80	1.17	6.35	0.96	2.44
PHYSICAL EDUCATION (1.00)	PERCENT	69.40	58.35	70.06	37.12	68.80	60.67
	S.E.	3.31	5.87	2.70	9.28	1.23	2.88
HEALTH (0.50)	PERCENT	64.93	36.88	56.68	43.66	50.02	36.51
	S.E.	3.34	5.87	3.63	6.51	1.45	4.13
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	PERCENT	5.59	0.73	5.49	0.04	4.56	1.18
	S.E.	1.24	0.35	1.30	0.03	0.51	0.62
ANY PERSONAL & SOCIAL DEVELOP (1.00)	PERCENT	36.94	29.03	37.11	23.66	35.66	24.02
	S.E.	2.16	3.91	1.45	4.71	0.90	2.46
DRIVERS EDUCATION (0.25)	PERCENT	38.31	21.48	37.15	17.65	46.90	21.90
	S.E.	3.01	4.15	2.21	5.28	1.18	3.11

Table 69. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Region

COURSES TAKEN		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
		NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST
ANY PHYS ED,HEALTH AND SPORTS (1.00)	PERCENT	85.68	90.09	92.47	96.38	73.31	86.43	89.91	96.34	74.19	88.59	87.12	96.92
	S.E.	3.67	1.51	2.50	1.31	5.36	1.69	1.84	0.45	2.90	1.15	1.82	0.97
PHYSICAL EDUCATION (1.00)	PERCENT	77.67	66.96	56.78	76.49	60.22	69.91	63.43	75.56	60.65	74.37	57.91	83.86
	S.E.	5.29	5.23	7.97	4.26	7.70	2.84	7.39	4.29	2.50	1.94	2.83	2.78
HEALTH (0.50)	PERCENT	61.33	55.60	70.78	63.16	61.06	46.10	62.28	53.45	55.67	39.42	52.34	49.28
	S.E.	7.56	5.58	4.56	6.52	8.59	6.69	7.66	5.36	3.48	2.23	2.54	3.13
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	PERCENT	5.37	6.49	4.65	3.23	3.90	2.61	8.96	3.92	4.12	3.16	3.30	7.89
	S.E.	2.96	1.55	2.87	1.46	2.20	0.61	3.74	1.04	1.21	0.78	0.39	1.49
ANY PERSONAL & SOCIAL DEVELOP (1.00)	PERCENT	24.87	30.26	34.10	61.37	20.47	36.03	32.68	59.31	20.13	31.78	32.31	63.28
	S.E.	2.93	3.17	4.42	4.07	2.94	2.89	3.08	2.46	1.23	1.66	1.55	2.60
DRIVERS EDUCATION (0.25)	PERCENT	28.87	39.69	26.22	54.56	28.31	39.36	31.85	42.40	24.88	45.94	46.34	64.42
	S.E.	5.22	4.34	6.43	6.52	4.09	3.02	4.10	8.14	2.11	2.86	1.89	2.34

Table 70. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982

COURSES TAKEN		1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT	17.32	12.04	1.86
	S.E.	1.12	0.89	0.21
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT	22.71	16.29	2.67
	S.E.	1.29	0.96	0.27
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT	30.61	20.93	8.85
	S.E.	1.39	1.12	0.48
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT	39.93	28.58	13.38
	S.E.	1.66	1.24	0.53
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT	66.79	54.61	29.20
	S.E.	2.20	1.51	0.71

Table 71. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Gender

		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
COURSES TAKEN		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT	16.93	17.73	10.89	13.27	1.68	2.04
	S.E.	1.16	1.19	0.74	1.24	0.20	0.32
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT	21.58	23.90	14.36	18.36	2.06	3.31
	S.E.	1.35	1.37	0.91	1.24	0.22	0.44
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT	31.35	29.82	20.95	20.93	9.19	8.48
	S.E.	1.47	1.49	1.19	1.34	0.72	0.82
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT	39.22	40.66	27.23	30.06	12.56	14.25
	S.E.	1.66	1.88	1.32	1.37	0.77	0.92
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT	67.28	66.19	54.75	54.61	29.30	29.09
	S.E.	2.23	2.27	1.66	1.58	1.03	1.10

Table 72. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Race/Ethnicity

COURSES TAKEN		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES				
		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT	18.09	14.36	15.67	23.77	10.84	11.24	12.71	8.29	5.48	24.28	5.42	13.51	2.17	0.73	0.52	6.03	0.54
	S.E.	1.31	1.67	1.88	2.22	2.63	4.33	1.20	1.23	0.90	2.77	1.82	2.38	0.28	0.32	0.13	1.51	0.37
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT	22.72	25.14	20.30	27.76	16.63	14.28	17.22	11.73	8.62	28.11	16.73	16.87	3.14	1.02	0.88	7.11	0.54
	S.E.	1.48	2.39	2.59	2.65	3.02	5.32	1.29	1.23	1.49	2.62	2.24	2.32	0.36	0.36	0.27	1.75	0.37
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT	32.59	23.37	24.76	44.12	16.31	20.07	21.82	16.10	11.84	41.86	9.38	21.73	10.13	5.21	3.45	16.96	4.15
	S.E.	1.63	2.31	1.92	2.97	3.36	2.71	1.37	1.58	1.84	4.79	2.60	3.50	0.58	1.20	0.48	2.04	1.56
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT	40.61	41.34	32.69	51.19	26.01	27.87	29.70	24.35	17.92	48.26	28.89	26.81	14.94	10.11	6.34	21.01	5.85
	S.E.	1.82	3.83	2.66	3.05	3.63	4.13	1.46	2.97	2.18	4.39	2.54	3.41	0.64	1.55	0.65	2.28	1.90
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT	65.42	71.76	70.39	75.47	55.62	61.48	53.54	57.21	55.08	71.82	65.84	52.97	30.17	28.13	23.52	34.51	26.00
	S.E.	2.57	3.53	3.46	2.94	6.03	7.13	1.82	3.03	2.64	4.09	4.28	4.56	0.78	2.33	1.64	2.53	4.32

Table 73. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Student Program

		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
COURSES TAKEN		ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT	23.96	NA	7.28	NA	19.53	NA	3.82	NA	4.30	NA	1.10	NA
	S.E.	1.43	NA	0.92	NA	1.39	NA	0.74	NA	0.50	NA	0.31	NA
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT	30.45	NA	16.38	NA	25.86	NA	9.15	NA	5.98	NA	3.20	NA
	S.E.	1.58	NA	1.92	NA	1.40	NA	1.25	NA	0.59	NA	1.15	NA
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT	42.22	NA	13.79	NA	33.86	NA	7.18	NA	20.55	NA	4.97	NA
	S.E.	1.58	NA	1.49	NA	1.49	NA	1.26	NA	1.05	NA	1.03	NA
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT	53.41	NA	29.85	NA	45.06	NA	18.21	NA	29.85	NA	16.94	NA
	S.E.	1.74	NA	3.30	NA	1.36	NA	2.24	NA	1.05	NA	2.43	NA
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT	80.70	13.06	80.23	15.22	73.48	14.81	74.59	12.33	55.45	5.93	63.83	4.42
	S.E.	1.82	2.56	2.12	1.75	1.13	2.12	2.87	1.17	1.20	0.49	3.05	0.42

NOTE: Because of the definitions of the tracks, it is not possible for a "VOC." or "NEITHER" track student to take the course combinations in the first four rows of this table. Students who took 4 years of English, 3 years of Social Studies or History, 3 years of science and 3 years of mathematics are, by definition, classified as "ACAD" or "BOTH."

Table 74. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990 and 1987 by Community Type

COURSES TAKEN		1990 GRADUATES				1987 GRADUATES			
		BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT	19.03	19.32	18.17	15.50	10.88	15.39	10.55	10.68
	S.E.	2.97	2.15	3.09	1.54	1.43	1.70	1.22	1.21
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT	22.97	22.93	21.59	22.78	13.18	18.73	13.74	16.62
	S.E.	3.28	2.60	3.46	1.81	1.31	1.89	1.49	1.48
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT	32.53	35.84	37.14	25.56	21.31	25.31	20.58	17.92
	S.E.	4.15	2.13	2.28	2.27	2.28	2.24	1.84	1.81
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT	39.79	42.80	44.30	37.32	26.80	31.28	26.30	28.16
	S.E.	4.85	2.45	3.56	2.63	2.37	2.51	2.50	1.77
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT	70.87	68.89	71.56	63.24	60.56	55.50	47.64	54.51
	S.E.	5.97	3.51	3.24	3.54	3.32	2.58	3.67	2.99

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 75. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

COURSES TAKEN		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT	16.86	21.79	11.38	18.26	1.74	2.83
	S.E.	1.23	2.20	0.72	4.65	0.21	0.94
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT	22.43	25.39	15.53	23.54	2.59	3.31
	S.E.	1.42	2.41	0.83	5.65	0.27	1.11
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT	28.67	49.43	19.42	35.20	7.55	19.69
	S.E.	1.48	3.58	1.08	4.30	0.48	1.41
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT	38.22	56.57	27.11	42.43	12.05	24.54
	S.E.	1.81	3.39	1.22	4.60	0.57	1.08
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT	65.50	79.34	53.26	67.42	27.14	46.43
	S.E.	2.39	2.80	1.59	4.74	0.76	1.14

Table 76. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Region

COURSES TAKEN		1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
		NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT	21.21	24.05	10.50	11.01	20.44	11.66	8.62	7.86	5.05	0.84	0.88	1.03
	S.E.	2.03	2.13	1.82	1.13	3.11	0.84	1.36	0.93	0.73	0.23	0.23	0.25
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT	24.10	33.90	14.68	13.18	23.28	17.78	13.05	10.38	5.61	1.30	2.67	1.13
	S.E.	2.22	2.26	2.14	1.40	2.89	1.53	1.74	0.93	0.70	0.27	0.59	0.25
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT	38.73	37.74	20.68	23.32	34.94	20.74	13.11	16.54	19.94	7.25	4.10	4.79
	S.E.	2.88	2.45	2.91	1.91	3.12	1.40	2.13	2.17	1.45	0.79	0.46	0.56
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT	45.34	53.61	27.20	28.29	39.74	32.44	19.66	22.58	23.39	13.47	8.83	7.28
	S.E.	3.04	3.25	2.99	2.32	2.85	2.22	2.86	2.16	1.28	0.87	0.91	0.58
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT	65.11	83.36	45.66	69.35	63.34	65.36	36.86	54.00	42.84	34.04	18.69	19.65
	S.E.	4.00	2.73	4.85	5.31	2.59	1.81	3.93	3.05	1.39	1.58	1.14	1.38

Table 77. Percentage of Graduates Completing Minimum Number of Credits (Carnegie Units) in Core Curriculum Courses by State Law Concerning Graduation Requirements (1990)

CORE CURRICULUM		THE LAW STATE CATEGORIES			
		LAW 1 STATES	NON-LAW 1 STATES	LAW 2 STATES	NON-LAW 2 STATES
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT	30.66	15.72	25.40	10.92
	S.E.	2.46	1.17	1.69	0.92
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT	48.40	19.63	33.14	14.44
	S.E.	1.81	1.30	2.01	1.11
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT	50.93	28.17	40.91	22.45
	S.E.	2.50	1.48	1.81	1.77
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT	78.06	35.36	53.48	29.21
	S.E.	1.64	1.60	2.61	1.93
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT	90.95	63.89	85.86	51.69
	S.E.	1.58	2.50	1.62	3.15

NOTE: The 1990 Law 1 states are: Florida, Louisiana, and Pennsylvania. The Law 2 states are: Alabama, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Louisiana, Maryland, New Mexico, New York, Oregon, Pennsylvania, South Carolina, Texas, Utah, Virginia, and Wisconsin.

Table 78. Percentage of Graduates Completing Minimum Number of Credits (Carnegie Units) in Core Curriculum Courses by State Law Concerning Graduation Requirements (1987)

		THE LAW STATE CATEGORIES			
CORE CURRICULUM		LAW 1 STATES	NON-LAW 1 STATES	LAW 2 STATES	NON-LAW 2 STATES
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT	27.37	10.60	15.81	9.77
	S.E.	4.88	0.68	1.68	0.96
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT	34.44	14.59	21.74	13.00
	S.E.	5.02	0.77	1.78	1.18
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT	40.19	19.12	26.06	17.83
	S.E.	4.92	1.06	2.42	1.33
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT	54.36	26.16	36.67	23.69
	S.E.	5.93	1.15	2.47	1.55
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT	76.63	52.55	67.18	47.01
	S.E.	4.09	1.54	2.58	2.18

NOTE: The 1987 Law 1 states are: Florida, Louisiana, and Pennsylvania. The Law 2 states are: Alabama, Alaska, Arkansas, Connecticut, Delaware, Florida, Georgia, Hawaii, Kansas, Louisiana, Maryland, New Mexico, New York, North Dakota, Pennsylvania, South Carolina, South Dakota, Vermont, Virginia, West Virginia, and Wisconsin.

Table 79. Change in Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses between 1987 and 1990 and between 1982 and 1990

COURSES TAKEN	CHANGE FROM 1987-1990	CHANGE FROM 1982-1990
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	5.28 *	15.46 *
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	6.41 *	20.04 *
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	9.68 *	21.76 *
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	11.35 *	26.56 *
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	12.18 *	37.59 *

*Differences between 1982 graduates and 1990 graduates that are significant at the $p < 0.05$ level (for t with 25 degrees of freedom) are indicated by an asterisk.

APPENDIX B. LISTINGS OF CSSC CODES WITHIN SUBJECT-AREA CATEGORIES

The lists which follow indicate which CSSC codes are in each subject-area category used in the 1990 High School Transcript Study. These are the same categories as used in the 1987 transcript study and in the Nation At Risk Update Study tables.[*] Note that the categories are hierarchical in nature. That is, codes in a subcategory are also in the appropriate higher-order category. For example, "AP/Honors English 12" is included in "English 12" and in "English." However, codes in a higher-order category are not necessarily also in a subcategory. For example, the category "English" contains courses such as "Romanticism" (CSSC code 230120) and "English, Real Life Problem Solving" (CSSC code 230152), which are not included in any of the subcategories under "English." The Hierarchical Listing presented below indicates in outline form the categories and subcategories. The Numerical Coding List which follows is presented in the same order as the Hierarchical Listing. CSSC codes added in 1990 are indicated by a pound sign (#). This list is comprehensive in that

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[*] Other taxonomic hierarchies of CSSC codes are possible. One such hierarchy has been reprinted in the April 1992 NCES report, *Vocational Education in the United States: 1969-1990.* This taxonomy was originally published in Gifford, A.G., Hoachlander, E.G., and Tuma, J.E., *The Secondary School Taxonomy*, a report prepared for the National Assessment of Vocational Education, Office of Planning, Budget, and Evaluation, U.S. Department of Education, by MPR Associates, Inc. (Berkeley, CA) in February 1989. It is reproduced in Figure A, "Organization of the Secondary School Taxonomy." There are a number of differences and similarities between the two taxonomies.

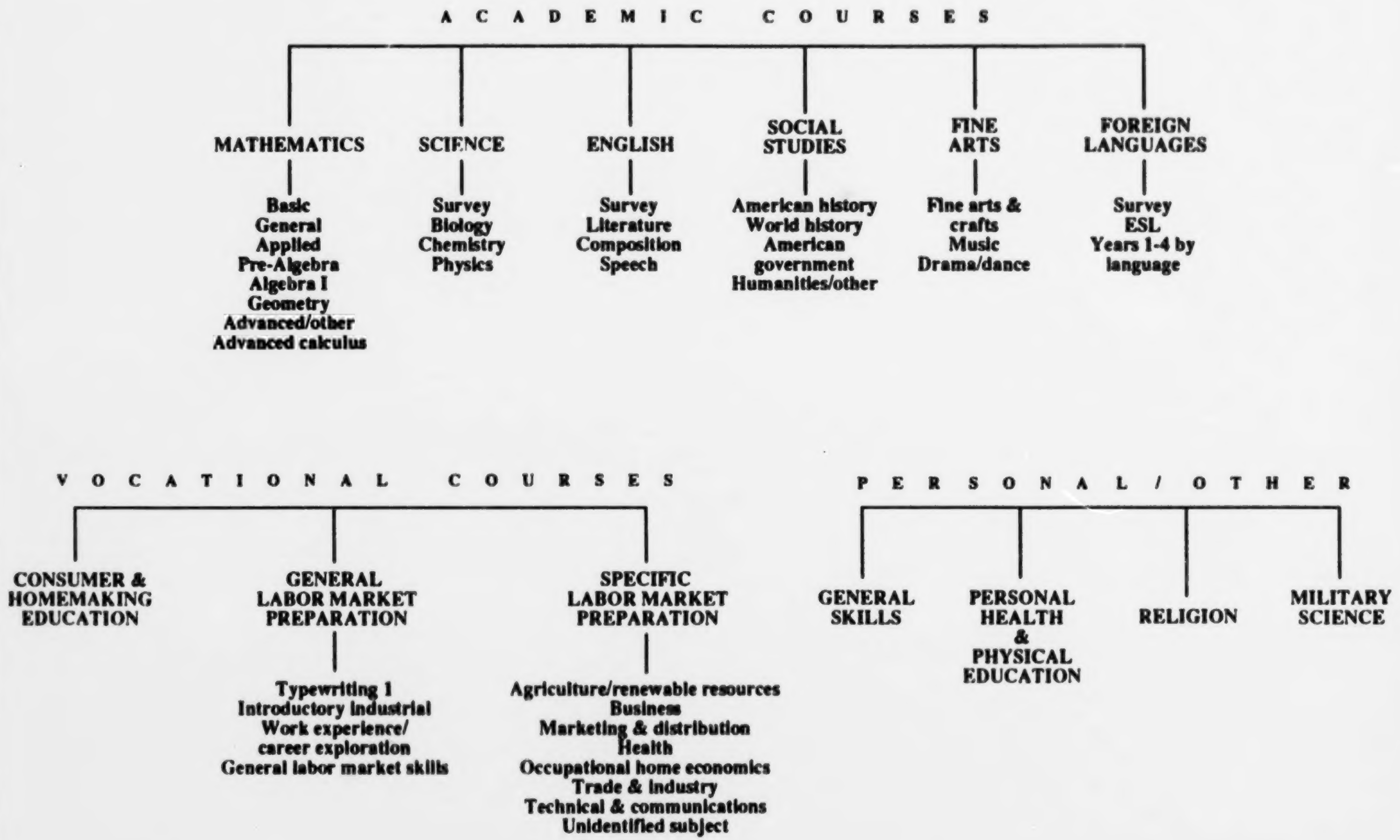
The MPR taxonomy divides all courses into 3 broad curricular domains: Academic, Vocational, and Personal/Other. There is no such division in the HSTS taxonomy. The definition of the categories at the highest level of the Academic section of the MPR taxonomy (Mathematics, Science, English, Social Studies, Fine Arts, Foreign Languages) is basically the same as that for the corresponding HSTS categories. Some differences are worth noting: (1) Only the HSTS taxonomy has a category for Computer Science/Programming/Data Processing. Many of the courses listed here are listed as "Applied Math" in the MPR taxonomy. (2) Under the category "Science," the HSTS taxonomy includes additional subcategories for Engineering, Astronomy, and Geology which do not appear in the MPR taxonomy. Many of these courses are included under the MPR category "Survey and Other: Specialized Topics." (3) The MPR taxonomy includes Special Education courses (coded 54.XXXX, 55.XXXX, and 56.XXXX) in content or skill-related categories. In the HSTS taxonomy they are included under "All Courses Other Than Above." (4) The MPR taxonomy divides many courses by level (i.e., basic/remedial, regular, advanced/honors/AP). The HSTS taxonomy includes subcategories for AP/Honors courses, but not the other subcategories. The MPR taxonomy divides foreign language courses in two ways – by year (1, 2, 3, 4 or more) and by language. The HSTS taxonomy divides foreign language courses only by language.

The Vocational Education category differs more than the Academic category between the two taxonomies. The major differences are: (1) The MPR taxonomy divides all vocational course categories into subcategories based on whether the course is an introductory course, a higher level course in the sequence, or a specialty course. The HSTS taxonomy reflects these sequences in a "Sequence Flag" attached to the code, rather than in the taxonomy itself. (2) The MPR taxonomy has a major category for "Consumer and Homemaking Education" while the HSTS taxonomy does not. (3) The MPR taxonomy separates "Business" and "Business Support" while the HSTS taxonomy does not. (4) The MPR taxonomy includes separate subcategories for "Agriculture and Renewable Resources," "Mechanics and Repairers," "Precision Production," "Transportation and Material Moving." The HSTS taxonomy includes these courses under the broad category "Occupationally Specific Vocational Education."

The Personal Use and Other category in the MPR taxonomy includes a category "General Skills." Courses in this category are included in a variety of other categories in the HSTS taxonomy. The courses that the MPR taxonomy includes under "Military Science" are included in the HSTS category "All Other Courses." In the MPR taxonomy Driver Education is included in the category "Health, PE, and Recreational" while in the HSTS taxonomy it is a subcategory of the Personal and Social Development category.

The "All Other Courses" category in the HSTS taxonomy is substantial, particularly since it includes all courses limited in enrollment to students with handicaps. The MPR taxonomy includes all these courses under other categories.

Figure A—Organization of the Secondary School Taxonomy


ACADEMIC COURSES
MATHEMATICS
Basic
General
Applied
Pre-Algebra
Algebra I
Geometry
Advanced/other
Advanced calculus
SCIENCE
Survey
Biology
Chemistry
Physics
ENGLISH
Survey
Literature
Composition
Speech
SOCIAL STUDIES
American history
World history
American government
Humanities/other
FINE ARTS
Fine arts & crafts
Music
Drama/dance
FOREIGN LANGUAGES
Survey
ESL
Years 1-4 by language
VOCATIONAL COURSES
CONSUMER & HOMEMAKING EDUCATION
GENERAL LABOR MARKET PREPARATION
Typewriting 1
Introductory industrial
Work experience/ career exploration
General labor market skills
SPECIFIC LABOR MARKET PREPARATION
Agriculture/renewable resources
Business
Marketing & distribution
Health
Occupational home economics
Trade & industry
Technical & communications
Unidentified subject
PERSONAL / OTHER
GENERAL SKILLS
PERSONAL HEALTH & PHYSICAL EDUCATION
RELIGION
MILITARY SCIENCE

SOURCE: A.G. Gifford, E.G. Hoachlander, J.E. Tuma, *The Secondary School Taxonomy*, a report prepared for the National Assessment of Vocational Education, Office of Planning, Budget, and Evaluation, U.S. Department of Education (Berkeley: MPR Associates, Inc., February 1989).

each CSSC code is included in at least one category and in the sense that the 13 highest level categories uniquely represent all codes. Codes that were not used in the 1990 study, but were included in previous studies are listed for the sake of completeness but are labeled "UNUSED CODE." In Table 7 (see Appendix A) when 1982 or 1987 counts are shown for these codes, the original title and a cross-reference are given. For example the 1982 code 320116, Speed Writing, became the 1987 (and 1990) code 070613, Speed Writing. Codes are included for some 7th- and 8th-grade courses that were taken for high school credit.

HIERARCHICAL LISTING

- English
  - English 9
  - English 10
  - English 11
  - English 12
    - AP/Honors English 12
  - Any Remedial/Below Grade English
  - English as a Second Language

- Any Social Studies
  - History/Area Studies
    - U.S. History
      - AP/Honors U.S. History
    - World History
      - AP/Honors World History
    - Nonwestern History
    - Western History/Civilization
    - Remedial/Below Grade History

  - Social Studies Other than History
    - Civics/American Politics
    - International Politics
    - Economics
    - Geography
    - Sociology/Psychology

- Mathematics
  - Algebra I
  - Algebra II
  - Geometry
  - Trigonometry
  - Analysis/Precalculus
  - Calculus
    - AP/Honors Calculus
  - Statistics/Probability
  - Remedial/Below Grade Math

- Computer Science/Programming/Data Processing
- Science
  - Biology
    - AP/Honors Biology
  - Chemistry
    - AP/Honors Chemistry
  - Physics
    - AP/Honors Physics
  - Engineering
  - Astronomy
  - Geology

- Foreign Languages
  - French
  - Spanish
  - German

- Foreign Language Other than French, Spanish or German
    - Latin
    - Japanese
    - Mandarin/Cantonese
    - Russian

Non-Occupationally Specific Vocational Education

Occupationally Specific Vocational Education
- Occupationally Specific: General Introduction
- Occupationally Specific: Agriculture
- Occupationally Specific: Business
- Occupationally Specific: Marketing and Distribution
- Occupationally Specific: Health and Human Services
- Occupationally Specific: Occupation/Home Economics
- Occupationally Specific: Trade and Industry
- Occupationally Specific: Technical

Visual and Performing Arts
- Visual Arts
- Dance
- Theater Performance
- Music Performance
- Art or Music Appreciation/History

Physical Education, Health, and Sports
- Physical Education
- Health

Personal and Social Development
- Drivers Education

Religion/Theology

All Courses Other Than Above

NUMERICAL CODING LIST

STUB: ENGLISH

CSSC CODE	TITLE
090100	COMMUNICATIONS, OTHER GENERAL
090111	MASS MEDIA
090121	INTERCULTURAL COMMUNICATIONS
090300	COMMUNICATIONS RESEARCH, OTHER
090400	JOURNALISM (MASS COMMUNICATIONS), OTHER
090421	JOURNALISM INVESTIGATIONS
090721	TELEVISION AND TASTE
099900	COMMUNICATIONS, OTHER
160121	ENGLISH AS A SECOND LANGUAGE 1
160122	ENGLISH AS A SECOND LANGUAGE 2
160123	ENGLISH AS A SECOND LANGUAGE 3
160124	ENGLISH AS A SECOND LANGUAGE, SKILLS LAB
160125	TRANSITIONAL ENGLISH
230100	ENGLISH, OTHER GENERAL
230101	ENGLISH 7
230102	ENGLISH 7, HONORS
230103	ENGLISH 8, BELOW GRADE LEVEL
230104	ENGLISH 8
230105	ENGLISH 8, HONORS
230106	ENGLISH 1, BELOW GRADE LEVEL
230107	ENGLISH 1
230108	ENGLISH 1, HONORS
230109	ENGLISH 2, BELOW GRADE LEVEL
230110	ENGLISH 2
230111	ENGLISH 2, HONORS
230112	ENGLISH 3, BELOW GRADE LEVEL
230113	ENGLISH 3
230114	ENGLISH 3, HONORS
230115	ENGLISH 4, BELOW GRADE LEVEL
230116	ENGLISH 4
230117	ENGLISH 4, HONORS
230118	WORLD LITERATURE
230119	RENAISSANCE LITERATURE
230120	ROMANTICISM
230121	REALISM
230122	LITERATURE, CONTEMPORARY
230123	IRISH LITERATURE
230124	RUSSIAN LITERATURE
230125	BIBLE AS LITERATURE
230126	MYTHOLOGY AND FABLE
230127	DRAMA, INTRODUCTION
230128	WORLD DRAMA
230129	PLAYS, MODERN SURVEY
230130	NOVELS
230131	SHORT STORY
230132	MYSTERIES
230133	POETRY
230134	ROCK POETRY
230135	HUMOR
230136	BIOGRAPHY
230137	NON FICTION
230138	SCIENCE FICTION
230139	THEMES IN LITERATURE
230140	LITERATURE OF HUMAN VALUES
230141	ETHNIC LITERATURE
230142	WOMEN IN LITERATURE
230143	SPORTS THROUGH LITERATURE
230144	OCCULT LITERATURE
230145	PROTEST LITERATURE
230146	YOUTH AND LITERATURE
230147	HEROES
230148	UTOPIAS
230149	DEATH
230150	NOBEL PRIZE AUTHORS
230151	SEMINAR ON AN AUTHOR
230152	ENGLISH, REAL LIFE PROBLEM SOLVING
230153	READING, INDEPENDENT STUDY
230154	RESEARCH TECHNIQUE
230155	CHILDREN'S LITERATURE & FANTASY
230161 #	ENGLISH SKILLS 1 FOR VISUALLY IMPAIRED
230162 #	ENGLISH SKILLS 2 FOR VISUALLY IMPAIRED
230163 #	ENGLISH SKILLS 3 FOR VISUALLY IMPAIRED
230164 #	ENGLISH SKILLS 4 FOR VISUALLY IMPAIRED
230200	CLASSICS, OTHER
230211	MYTHOLOGICAL LITERATURE, GREEK AND ROMAN CLASSICAL MYTHOLOGY
230300	COMPARATIVE LITERATURE, OTHER

230311	COMPARATIVE LITERATURE
230321	LATIN AMERICAN AUTHORS/LITERATURE
230400	COMPOSITION, OTHER
230401	COMPOSITION, EXPOSITORY
230402	WRITING LABORATORY
230403	WRITING ABOUT LITERATURE
230404	VOCABULARY
230405	SPELLING
230406	GRAMMAR 7
230407	GRAMMAR 8
230408	GRAMMAR 9
230409	GRAMMAR 10
230410	GRAMMAR 11
230411	GRAMMAR 12
230412	ETYMOLOGY
230413	HANDWRITING
230414	INTERPERSONAL COMMUNICATION
230415	WORD STUDY - REMEDIAL
230500	CREATIVE WRITING, OTHER
230511	CREATIVE WRITING 10
230512	CREATIVE WRITING 11
230513	CREATIVE WRITING 12
230521	CREATIVE WRITING, INDEPENDENT STUDY
230600	LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY), OTHER
230611	LINGUISTICS
230700	LITERATURE, AMERICAN, OTHER
230711	AMERICAN LITERATURE
230721	BLACK LITERATURE
230731	AMERICAN DREAM IN LITERATURE
230741	FOLKLORE, AMERICAN
230751	INDIAN LITERATURE
230761	STATE WRITERS
230771	WESTERN LITERATURE
230781	MEXICAN AMERICAN LITERATURE
230800	LITERATURE, ENGLISH, OTHER
230811	BRITISH LITERATURE SURVEY
230821	SHAKESPEARE
230831	MODERN BRITISH WRITERS
230841	VICTORIAN LITERATURE
230851	SATIRE, MODERN BRITISH
230861	ARTHURIAN LEGEND
230871	MEDIEVAL LITERATURE
230900	RHETORIC, OTHER
231000	SPEECH, DEBATE, AND FORENSICS, OTHER
231011	PUBLIC SPEAKING
231021	SPEECH 1
231022	SPEECH 2
231023	SPEECH 3
231031	DEBATE PRACTICUM CONTRACT
231100	TECHNICAL AND BUSINESS WRITING, OTHER
231111	TECHNICAL ENGLISH
231211	READING DEVELOPMENT 1
231212	READING DEVELOPMENT 2
231213	READING DEVELOPMENT 3
231214	READING DEVELOPMENT 4
231215	SPEED READING
231216	ADVANCED READING & STUDY SKILLS
231311	FUNCTIONAL ENGLISH 1
231312	FUNCTIONAL ENGLISH 2
231313	FUNCTIONAL ENGLISH 3
231314	FUNCTIONAL ENGLISH 4
239900	LETTERS, OTHER
320109	UNUSED CODE
320110	UNUSED CODE
320111	UNUSED CODE
320113	UNUSED CODE
320115	UNUSED CODE
320118	UNUSED CODE

STUB: ENGLISH 9

CSSC CODE	TITLE
230106	ENGLISH 1, BELOW GRADE LEVEL
230107	ENGLISH 1
230108	ENGLISH 1, HONORS

STUB: ENGLISH 10

CSSC CODE	TITLE
230109	ENGLISH 2, BELOW GRADE LEVEL
230110	ENGLISH 2
230111	ENGLISH 2, HONORS

STUB: ENGLISH 11

CSSC CODE	TITLE
230112	ENGLISH 3, BELOW GRADE LEVEL
230113	ENGLISH 3
230114	ENGLISH 3, HONORS

STUB: ENGLISH 12

CSSC CODE	TITLE
230115	ENGLISH 4, BELOW GRADE LEVEL
230116	ENGLISH 4
230117	ENGLISH 4, HONORS

STUB: AP/HONORS 12TH GRADE ENGLISH

CSSC CODE	TITLE
230117	ENGLISH 4, HONORS

STUB: ANY REMEDIAL/BELOW GRADE ENG

CSSC CODE	TITLE
230101	ENGLISH 7
230103	ENGLISH 8, BELOW GRADE LEVEL
230104	ENGLISH 8
230106	ENGLISH 1, BELOW GRADE LEVEL
230109	ENGLISH 2, BELOW GRADE LEVEL
230112	ENGLISH 3, BELOW GRADE LEVEL
230115	ENGLISH 4, BELOW GRADE LEVEL
230161 #	ENGLISH SKILLS 1 FOR VISUALLY IMPAIRED
230162 #	ENGLISH SKILLS 2 FOR VISUALLY IMPAIRED
230163 #	ENGLISH SKILLS 3 FOR VISUALLY IMPAIRED
230164 #	ENGLISH SKILLS 4 FOR VISUALLY IMPAIRED
230406	GRAMMAR 7
230407	GRAMMAR 8
230415	WORD STUDY - REMEDIAL
231211	READING DEVELOPMENT 1
231212	READING DEVELOPMENT 2
231213	READING DEVELOPMENT 3
231214	READING DEVELOPMENT 4
320109	UNUSED CODE
320110	UNUSED CODE
320113	UNUSED CODE
320115	UNUSED CODE
320118	UNUSED CODE

STUB: ENGLISH AS A SECOND LANGUAGE

CSSC CODE	TITLE
160121	ENGLISH AS A SECOND LANGUAGE 1
160122	ENGLISH AS A SECOND LANGUAGE 2
160123	ENGLISH AS A SECOND LANGUAGE 3
160124	ENGLISH AS A SECOND LANGUAGE, SKILLS LAB
160125	TRANSITIONAL ENGLISH

STUB: ANY SOCIAL STUDIES

CSSC CODE	TITLE
050100	AREA STUDIES, OTHER
050101	AREA STUDIES
050102	AMERICAN STUDIES, BASIC
050103	AMERICAN STUDIES, GENERAL
050104	AMERICA'S PEOPLE AND PROBLEMS
050105	AMERICAN STUDIES, HONORS
050106	NEW ENGLAND STUDIES
050107	OLD SOUTH
050108	AMERICAN WEST
050109	SOUTHWEST UNITED STATES
050110	ANGLO AMERICA
050111	NORTH AMERICA AND CURRENT EVENTS
050112	NORTH AND SOUTH AMERICA
050113	LATIN AMERICA
050114	WORLD STUDIES 1
050115	WORLD STUDIES 2
050116	WORLD STUDIES, HONORS
050117	COMPARATIVE WORLD CULTURES
050118	EUROPEAN CULTURE STUDIES, BASIC
050119	EUROPEAN CULTURE STUDIES, GENERAL
050120	EUROPEAN CULTURE STUDIES, HONORS
050121	DEVELOPING NATIONS
050122	AFRICAN AREA STUDIES
050123	AFRICA AND SOUTH AMERICA
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS
050127	ASIAN STUDIES
050128	HISTORY OF CHINA
050129	ASIA, AFRICA AND MIDEAST
050130	AFRICA AND MIDDLE EAST
050131	MIDDLE EASTERN STUDIES
050132	MIDDLE EAST, WAR FOR SURVIVAL
050133	U S S R
050134	SOVIET UNION AND CHINA

050135	SOVIET UNION AND AFRO AMERICAN DEVELOPING NATIONS
050136	HISTORY OF RUSSIA
050137	NEGLECTED WORLD
050138	GLOBAL EDUCATION
050139	PACIFIC RIM NATIONS
050140	CANADIAN AREA STUDIES
050200	ETHNIC STUDIES, OTHER
050211	MINORITIES IN AMERICA
050221	ETHNIC AND FAMILY HERITAGE
050231	AFRO AMERICAN STUDIES
050241	ECONOMICS OF AFRO AMERICANS
050251	INDIANS OF NORTH AMERICA
050261	JEWISH HISTORICAL SIGNIFICANCE
050271	MEXICAN AMERICAN HERITAGE
050281	HAWAIIAN
050291	HAWAIIAN CULTURE STUDIES, MODERN
059900	AREA AND ETHNIC STUDIES, OTHER
220100	LAW, OTHER
220111	LAW FUNDAMENTALS
220121	LAW AND YOU
220131	STREET LAW
300400	HUMANITIES AND SOCIAL SCIENCES, OTHER
300411	HUMANITIES
300421	HUMANITIES, EUROPEAN
300431	HUMANITIES, AMERICAN
300441	HUMANITIES, AFRICAN
300451	HUMANITIES, NEAR EAST AND FAR EAST
300500	PEACE STUDIES, OTHER
300700	WOMEN'S STUDIES, OTHER
300711	WOMEN'S STUDIES
300721	WOMEN'S STUDIES IN LITERATURE
320119	UNUSED CODE
330161	UNUSED CODE
380100	PHILOSOPHY, OTHER
380111	PHILOSOPHY
380121	ETHICS
380131	LOGIC
380141	EPISTEMICS
380151	SOCIAL JUSTICE ISSUES
420100	PSYCHOLOGY, OTHER GENERAL
420111	PSYCHOLOGY
420112	PSYCHOLOGY, ADVANCED

420113	ABNORMAL PSYCHOLOGY
420200	CLINICAL PSYCHOLOGY, OTHER
420300	COGNITIVE PSYCHOLOGY, OTHER
420311	PSYCHOLOGY OF LEARNING
420321	EDUCATIONAL PSYCHOLOGY
420400	COMMUNITY PSYCHOLOGY, OTHER
420500	COMPARATIVE PSYCHOLOGY, OTHER
420600	COUNSELING PSYCHOLOGY, OTHER
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER
420711	CHILD PSYCHOLOGY
420721	ADOLESCENT PSYCHOLOGY
420731	ADJUSTMENT PSYCHOLOGY
420800	EXPERIMENTAL PSYCHOLOGY, OTHER
420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER
421000	PERSONALITY PSYCHOLOGY, OTHER
421011	HISTORICAL PERSONALITIES AND IDEAS
421021	HUMANISTIC PSYCHOLOGY
421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER
421200	PSYCHOLINGUISTICS, OTHER
421300	PSYCHOMETRICS, OTHER
421400	PSYCHOPHARMACOLOGY, OTHER
421411	PSYCHOPHARMACOLOGY
421500	QUANTITATIVE PSYCHOLOGY, OTHER
421600	SOCIAL PSYCHOLOGY, OTHER
421611	SOCIAL PSYCHOLOGY
429900	PSYCHOLOGY, OTHER
440100	PUBLIC AFFAIRS, OTHER GENERAL
440200	COMMUNITY SERVICES, OTHER
440300	INTERNATIONAL PUBLIC SERVICE, OTHER
440400	PUBLIC ADMINISTRATION, OTHER
440500	PUBLIC POLICY STUDIES, OTHER
440600	PUBLIC WORKS, OTHER
440700	SOCIAL WORK, OTHER
440711	HUMAN SERVICES
449900	PUBLIC AFFAIRS, OTHER
450100	SOCIAL SCIENCES, OTHER GENERAL
450111	SOCIAL SCIENCE, INTRODUCTION
450121	SOCIAL SCIENCE, ADVANCED THEORY AND RESEARCH
450131	SOCIAL SCIENCE SEMINAR
450141	SOCIAL STUDIES, INDEPENDENT STUDY
450200	ANTHROPOLOGY, OTHER

450211	ANTHROPOLOGY
450221	COMPARATIVE CULTURAL PATTERNS
450231	ANTHROPOLOGY, MYTH AND MAGIC
450241	CULTURAL ANTHROPOLOGY, RESEARCH
450300	ARCHAEOLOGY, OTHER
450311	ARCHAEOLOGY
450400	CRIMINOLOGY, OTHER
450500	DEMOGRAPHY, OTHER
450511	POPULATION EDUCATION
450600	ECONOMICS, OTHER
450601	ECONOMICS, THEORY
450602	ECONOMICS AND ECONOMIC PROBLEMS
450603	CONSUMER ECONOMICS
450606	INVESTMENT ECONOMICS
450607	TELEVISION AND ECONOMICS
450608	ENERGY EDUCATION
450609	AMERICAN LABOR HISTORY
450610	ECONOMICS, ANALYSIS AND CRITICISM
450611	ECONOMICS, COLLEGE
450612	INTERNATIONAL ECONOMICS
450700	GEOGRAPHY, OTHER
450701	GEOGRAPHY 8
450702	GEOGRAPHY, UNITED STATES
450703	GEOGRAPHY, NORTH AMERICAN
450704	WORLD GEOGRAPHY
450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA
450706	GEOGRAPHY, EASTERN HEMISPHERE
450707	PHYSICAL GEOGRAPHY
450708	ECONOMIC AND POLITICAL GEOGRAPHY
450709	HUMAN AND CULTURAL GEOGRAPHY
450710	FIELD GEOGRAPHY, HONORS
450800	HISTORY, OTHER
450801	HISTORY AND GEOGRAPHY 7
450802	OUR CULTURAL HERITAGE 7
450803	SOCIAL STUDIES 7, HONORS
450804	UNITED STATES HISTORY 8
450805	SOCIAL STUDIES 8
450806	SOCIAL STUDIES 8, HONORS
450807	UNITED STATES HISTORY, STATE AND LOCAL
450808	UNITED STATES HISTORY, ADVANCED PLACEMENT
450809	AMERICAN HISTORY, BASIC
450810	AMERICAN HISTORY
450811	UNITED STATES HISTORY 1
450812	UNITED STATES HISTORY 2
450813	UNITED STATES HISTORY, HONORS
450814	AMERICAN HISTORY, ADVANCED PLACEMENT
450815	WESTWARD MOVEMENT
450816	TWENTIETH CENTURY AMERICA
450817	TWENTIES AND THIRTIES
450818	AMERICA SINCE 1945
450819	NINETEEN SIXTIES
450820	NINETEEN SEVENTIES
450821	REFORM IN AMERICAN HISTORY
450822	AMERICAN INQUIRIES
450823	HISTORIC EVENTS, UNITED STATES
450824	AMERICAN WARS, CAUSES AND EFFECTS
450825	CIVIL WAR
450826	CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM
450827	WAR AND MODERN CONSCIOUSNESS
450828	WORLD WAR II
450829	UNITED STATES MILITARY HISTORY 1
450830	UNITED STATES MILITARY HISTORY 2
450831	UNITED STATES HISTORY, FIELD STUDY
450832	NORTH AMERICAN HISTORY
450833	MEXICAN HISTORY
450834	SOUTH AMERICAN HISTORY
450835	WORLD HISTORY
450836	WORLD HISTORY, COLLEGE
450837	WORLD HISTORY, MODERN
450838	WORLD CIVILIZATION, TWENTIETH CENTURY
450839	WORLD CIVILIZATION, TWENTIETH CENTURY, HONORS
450840	WESTERN CIVILIZATION 9
450841	WESTERN CIVILIZATION 9, HONORS
450842	WESTERN CIVILIZATION, HISTORY
450843	EARLY WESTERN CIVILIZATION
450844	WESTERN CIVILIZATION, ADVANCED PLACEMENT
450845	ANCIENT AND CLASSICAL WORLD
450846	ANCIENT GREEK HISTORY
450847	ROME AND HER EMPIRE
450848	ANCIENT HISTORY AND MIDDLE AGES
450849	ENGLISH HISTORY

450850	ENGLISH HISTORY, HONORS
450851	FRENCH REVOLUTION, HONORS
450852	MODERN EUROPE
450853	EUROPEAN HISTORY, MID-NINETEENTH THROUGH MID-TWENTIETH CENTURIES, ADVANCED PLACEMENT
450854	EUROPEAN HISTORY, TWENTIETH CENTURY
450855	EUROPEAN HISTORY, ADVANCED READINGS
450856	EUROPEAN HISTORY, MODERN, ADVANCED PLACEMENT
450857	THIRD WORLD HISTORY
450858	AFRICAN HISTORY
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA
450860	LATIN AMERICAN HISTORY
450861	MIDDLE EAST HISTORY
450862	ISRAEL, HISTORY
450863	EASTERN CIVILIZATION
450864	FAR EAST, HISTORY
450865	ASIAN HISTORY, MODERN
450866	PACIFIC LANDS, HISTORY
450867	RUSSIAN HISTORY
450868	WORLD LEADERS, PAST AND PRESENT
450869	HISTORICAL RESEARCH
450900	INTERNATIONAL RELATIONS, OTHER
450911	INTERNATIONAL RELATIONS
450921	INTERNATIONAL RELATIONS, HONORS
450931	INTERNATIONAL LAW
450941	MODEL SECURITY COUNCIL, LOCAL
450951	MODEL UNITED NATIONS, LOCAL
450952	MODEL UNITED NATIONS, NATIONAL
451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER
451001	CIVICS
451002	STATE AND LOCAL GOVERNMENT
451003	GOVERNMENT, BASIC
451004	AMERICAN GOVERNMENT
451005	PRESIDENCY
451006	FRAMEWORK OF THE CONSTITUTION
451007	INDIVIDUAL VS. STATE
451008	NATIONAL STATE AND LOCAL ELECTIONS
451009	ELECTIONS, POLITICS AND MORALITY, HONORS
451010	CONTEMPORARY WORLD AFFAIRS
451011	AMERICAN FOREIGN POLICY
451012	DECISION MAKING IN A CRISIS
451013	AMERICAN HERITAGE, HONORS
451014	CONTEMPORARY AMERICAN POLITICAL ISSUES
451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS
451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC
451017	AMERICAN GOVERNMENT AND ECONOMICS
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC
451020	COMPARATIVE WORLD GOVERNMENTS
451021	AMERICANISM VS. COMMUNISM
451022	AMERICANISM VS. COMMUNISM, HONORS
451023	COMMUNISM AND ITS GROWTH
451024	CIVICS, HONORS
451025	WRITINGS INFLUENCING GOVERNMENT
451026	GOVERNMENT INTERNSHIP
451027	MODEL SENATE
451028	POLITICAL LEADERSHIP
451029	POLITICAL SCIENCE
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT
451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD STUDY
451032	POLITICAL TURMOIL
451033	CONTEMPORARY ISSUES, BASIC SKILLS
451100	SOCIOLOGY, OTHER
451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION
451121	SOCIOLOGY, GENERAL
451131	SOCIOLOGY, ISSUES
451132	THE POOR IN AMERICA
451141	MOBILITY IN SOCIETY
451151	VIOLENCE IN AMERICA
451161	DEATH AND DYING
451171	SOCIOLOGY, HONORS
451181	SOCIOLOGY, RESEARCH
451200	URBAN STUDIES, OTHER
451211	URBAN PROBLEMS
451221	URBAN ECOLOGY
451231	TECHNOLOGY AND URBANIZATION
459900	SOCIAL SCIENCES, OTHER

STUB: HISTORY

CSSC CODE	TITLE
050100	AREA STUDIES, OTHER
050101	AREA STUDIES
050102	AMERICAN STUDIES, BASIC
050103	AMERICAN STUDIES, GENERAL
050104	AMERICA'S PEOPLE AND PROBLEMS
050105	AMERICAN STUDIES, HONORS
050106	NEW ENGLAND STUDIES
050107	OLD SOUTH
050108	AMERICAN WEST
050109	SOUTHWEST UNITED STATES
050110	ANGLO AMERICA
050111	NORTH AMERICA AND CURRENT EVENTS
050112	NORTH AND SOUTH AMERICA
050113	LATIN AMERICA
050114	WORLD STUDIES 1
050115	WORLD STUDIES 2
050116	WORLD STUDIES, HONORS
050117	COMPARATIVE WORLD CULTURES
050118	EUROPEAN CULTURE STUDIES, BASIC
050119	EUROPEAN CULTURE STUDIES, GENERAL
050120	EUROPEAN CULTURE STUDIES, HONORS
050121	DEVELOPING NATIONS
050122	AFRICAN AREA STUDIES
050123	AFRICA AND SOUTH AMERICA
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS
050127	ASIAN STUDIES
050128	HISTORY OF CHINA
050129	ASIA, AFRICA AND MIDEAST
050130	AFRICA AND MIDDLE EAST
050131	MIDDLE EASTERN STUDIES
050132	MIDDLE EAST, WAR FOR SURVIVAL
050133	U S S R
050134	SOVIET UNION AND CHINA
050135	SOVIET UNION AND AFRO AMERICAN DEVELOPING NATIONS
050136	HISTORY OF RUSSIA
050137	NEGLECTED WORLD
050138	GLOBAL EDUCATION
050139	PACIFIC RIM NATIONS
050140	CANADIAN AREA STUDIES
050200	ETHNIC STUDIES, OTHER
050211	MINORITIES IN AMERICA
050221	ETHNIC AND FAMILY HERITAGE
050231	AFRO AMERICAN STUDIES
050241	ECONOMICS OF AFRO AMERICANS
050251	INDIANS OF NORTH AMERICA
050261	JEWISH HISTORICAL SIGNIFICANCE
050271	MEXICAN AMERICAN HERITAGE
050281	HAWAIIAN
050291	HAWAIIAN CULTURE STUDIES, MODERN
059900	AREA AND ETHNIC STUDIES, OTHER
330161	UNUSED CODE
450801	HISTORY AND GEOGRAPHY 7
450802	OUR CULTURAL HERITAGE 7
450803	SOCIAL STUDIES 7, HONORS
450804	UNITED STATES HISTORY 8
450805	SOCIAL STUDIES 8
450806	SOCIAL STUDIES 8, HONORS
450807	UNITED STATES HISTORY, STATE AND LOCAL
450808	UNITED STATES HISTORY, ADVANCED PLACEMENT
450809	AMERICAN HISTORY, BASIC
450810	AMERICAN HISTORY
450811	UNITED STATES HISTORY 1
450812	UNITED STATES HISTORY 2
450813	UNITED STATES HISTORY, HONORS
450814	AMERICAN HISTORY, ADVANCED PLACEMENT
450815	WESTWARD MOVEMENT
450816	TWENTIETH CENTURY AMERICA
450817	TWENTIES AND THIRTIES
450818	AMERICA SINCE 1945
450819	NINETEEN SIXTIES
450820	NINETEEN SEVENTIES
450821	REFORM IN AMERICAN HISTORY
450822	AMERICAN INQUIRIES
450823	HISTORIC EVENTS, UNITED STATES

450824	AMERICAN WARS, CAUSES AND EFFECTS
450825	CIVIL WAR
450826	CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM
450827	WAR AND MODERN CONSCIOUSNESS
450828	WORLD WAR II
450829	UNITED STATES MILITARY HISTORY 1
450830	UNITED STATES MILITARY HISTORY 2
450831	UNITED STATES HISTORY, FIELD STUDY
450832	NORTH AMERICAN HISTORY
450833	MEXICAN HISTORY
450834	SOUTH AMERICAN HISTORY
450835	WORLD HISTORY
450836	WORLD HISTORY, COLLEGE
450837	WORLD HISTORY, MODERN
450838	WORLD CIVILIZATION, TWENTIETH CENTURY
450839	WORLD CIVILIZATION, TWENTIETH CENTURY, HONORS
450840	WESTERN CIVILIZATION 9
450841	WESTERN CIVILIZATION 9, HONORS
450842	WESTERN CIVILIZATION, HISTORY
450843	EARLY WESTERN CIVILIZATION
450844	WESTERN CIVILIZATION, ADVANCED PLACEMENT
450845	ANCIENT AND CLASSICAL WORLD
450846	ANCIENT GREEK HISTORY
450847	ROME AND HER EMPIRE
450848	ANCIENT HISTORY AND MIDDLE AGES
450849	ENGLISH HISTORY
450850	ENGLISH HISTORY, HONORS
450851	FRENCH REVOLUTION, HONORS
450852	MODERN EUROPE
450853	EUROPEAN HISTORY, MID-NINETEENTH THROUGH MID-TWENTIETH CENTURIES, ADVANCED PLACEMENT
450854	EUROPEAN HISTORY, TWENTIETH CENTURY
450855	EUROPEAN HISTORY, ADVANCED READINGS
450856	EUROPEAN HISTORY, MODERN, ADVANCED PLACEMENT
450857	THIRD WORLD HISTORY
450858	AFRICAN HISTORY
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA
450860	LATIN AMERICAN HISTORY
450861	MIDDLE EAST HISTORY
450862	ISRAEL, HISTORY
450863	EASTERN CIVILIZATION
450864	FAR EAST, HISTORY
450865	ASIAN HISTORY, MODERN
450866	PACIFIC LANDS, HISTORY
450867	RUSSIAN HISTORY
450868	WORLD LEADERS, PAST AND PRESENT
450869	HISTORICAL RESEARCH

STUB: U. S. HISTORY

CSSC CODE	TITLE
330161	UNUSED CODE
450801	HISTORY AND GEOGRAPHY 7
450802	OUR CULTURAL HERITAGE 7
450803	SOCIAL STUDIES 7, HONORS
450804	UNITED STATES HISTORY 8
450805	SOCIAL STUDIES 8
450806	SOCIAL STUDIES 8, HONORS
450809	AMERICAN HISTORY, BASIC
450810	AMERICAN HISTORY
450811	UNITED STATES HISTORY 1
450812	UNITED STATES HISTORY 2
450813	UNITED STATES HISTORY, HONORS
450814	AMERICAN HISTORY, ADVANCED PLACEMENT
450815	WESTWARD MOVEMENT
450816	TWENTIETH CENTURY AMERICA
450821	REFORM IN AMERICAN HISTORY
450822	AMERICAN INQUIRIES
450824	AMERICAN WARS, CAUSES AND EFFECTS
450825	CIVIL WAR
450826	CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM
450831	UNITED STATES HISTORY, FIELD STUDY
450832	NORTH AMERICAN HISTORY

STUB: AP/HONORS AMERICAN HISTORY

CSSC CODE	TITLE
450814	AMERICAN HISTORY, ADVANCED PLACEMENT

STUB: WORLD HISTORY

CSSC CODE	TITLE
050114	WORLD STUDIES 1
050115	WORLD STUDIES 2
050116	WORLD STUDIES, HONORS
050117	COMPARATIVE WORLD CULTURES
450835	WORLD HISTORY
450836	WORLD HISTORY, COLLEGE
450837	WORLD HISTORY, MODERN
450838	WORLD CIVILIZATION, TWENTIETH CENTURY
450839	WORLD CIVILIZATION, TWENTIETH CENTURY, HONORS
450844	WESTERN CIVILIZATION, ADVANCED PLACEMENT

STUB: AP/HONORS WORLD HISTORY

CSSC CODE	TITLE
450844	WESTERN CIVILIZATION, ADVANCED PLACEMENT

STUB: NON-WESTERN HISTORY

CSSC CODE	TITLE
050113	LATIN AMERICA
050121	DEVELOPING NATIONS
050122	AFRICAN AREA STUDIES
050123	AFRICA AND SOUTH AMERICA
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS
050127	ASIAN STUDIES
050128	HISTORY OF CHINA
050129	ASIA, AFRICA AND MIDEAST
050130	AFRICA AND MIDDLE EAST
050131	MIDDLE EASTERN STUDIES
050132	MIDDLE EAST, WAR FOR SURVIVAL
050137	NEGLECTED WORLD
050138	GLOBAL EDUCATION
050139	PACIFIC RIM NATIONS
450833	MEXICAN HISTORY
450834	SOUTH AMERICAN HISTORY
450857	THIRD WORLD HISTORY
450858	AFRICAN HISTORY
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA
450860	LATIN AMERICAN HISTORY
450861	MIDDLE EAST HISTORY
450862	ISRAEL, HISTORY
450863	EASTERN CIVILIZATION
450864	FAR EAST, HISTORY
450865	ASIAN HISTORY, MODERN
450866	PACIFIC LANDS, HISTORY

STUB: WESTERN HISTORY/CIVILIZATION

CSSC CODE	TITLE
050118	EUROPEAN CULTURE STUDIES, BASIC
050119	EUROPEAN CULTURE STUDIES, GENERAL
050120	EUROPEAN CULTURE STUDIES, HONORS
450840	WESTERN CIVILIZATION 9
450841	WESTERN CIVILIZATION 9, HONORS
450842	WESTERN CIVILIZATION, HISTORY
450843	EARLY WESTERN CIVILIZATION
450853	EUROPEAN HISTORY, MID-NINETEENTH THROUGH MID-TWENTIETH CENTURIES, ADVANCED PLACEMENT
450856	EUROPEAN HISTORY, MODERN, ADVANCED PLACEMENT

STUB: REMEDIAL/BELOW GRADE HIST

CSSC CODE	TITLE
330161	UNUSED CODE
450801	HISTORY AND GEOGRAPHY 7
450802	OUR CULTURAL HERITAGE 7
450804	UNITED STATES HISTORY 8
450805	SOCIAL STUDIES 8
450809	AMERICAN HISTORY, BASIC

STUB: SOCIAL STUDIES OTHER THAN HIST

CSSC CODE	TITLE
220100	LAW, OTHER
220111	LAW FUNDAMENTALS
220121	LAW AND YOU
220131	STREET LAW
300400	HUMANITIES AND SOCIAL SCIENCES, OTHER
300411	HUMANITIES
300421	HUMANITIES, EUROPEAN
300431	HUMANITIES, AMERICAN
300441	HUMANITIES, AFRICAN
300451	HUMANITIES, NEAR EAST AND FAR EAST
300500	PEACE STUDIES, OTHER
300700	WOMEN'S STUDIES, OTHER
300711	WOMEN'S STUDIES
300721	WOMEN'S STUDIES IN LITERATURE
320119	UNUSED CODE
330161	UNUSED CODE
380100	PHILOSOPHY, OTHER
380111	PHILOSOPHY
380121	ETHICS
380131	LOGIC
380141	EPISTEMICS
380151	SOCIAL JUSTICE ISSUES
420100	PSYCHOLOGY, OTHER GENERAL
420111	PSYCHOLOGY
420112	PSYCHOLOGY, ADVANCED
420113	ABNORMAL PSYCHOLOGY
420200	CLINICAL PSYCHOLOGY, OTHER
420300	COGNITIVE PSYCHOLOGY, OTHER
420311	PSYCHOLOGY OF LEARNING
420321	EDUCATIONAL PSYCHOLOGY
420400	COMMUNITY PSYCHOLOGY, OTHER
420500	COMPARATIVE PSYCHOLOGY, OTHER
420600	COUNSELING PSYCHOLOGY, OTHER
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER
420711	CHILD PSYCHOLOGY
420721	ADOLESCENT PSYCHOLOGY
420731	ADJUSTMENT PSYCHOLOGY
420800	EXPERIMENTAL PSYCHOLOGY, OTHER

420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER
421000	PERSONALITY PSYCHOLOGY, OTHER
421011	HISTORICAL PERSONALITIES AND IDEAS
421021	HUMANISTIC PSYCHOLOGY
421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER
421200	PSYCHOLINGUISTICS, OTHER
421300	PSYCHOMETRICS, OTHER
421400	PSYCHOPHARMACOLOGY, OTHER
421411	PSYCHOPHARMACOLOGY
421500	QUANTITATIVE PSYCHOLOGY, OTHER
421600	SOCIAL PSYCHOLOGY, OTHER
421611	SOCIAL PSYCHOLOGY
429900	PSYCHOLOGY, OTHER
440100	PUBLIC AFFAIRS, OTHER GENERAL
440200	COMMUNITY SERVICES, OTHER
440300	INTERNATIONAL PUBLIC SERVICE, OTHER
440400	PUBLIC ADMINISTRATION, OTHER
440500	PUBLIC POLICY STUDIES, OTHER
440600	PUBLIC WORKS, OTHER
440700	SOCIAL WORK, OTHER
440711	HUMAN SERVICES
449900	PUBLIC AFFAIRS, OTHER
450100	SOCIAL SCIENCES, OTHER GENERAL
450111	SOCIAL SCIENCE, INTRODUCTION
450121	SOCIAL SCIENCE, ADVANCED THEORY AND RESEARCH
450131	SOCIAL SCIENCE SEMINAR
450141	SOCIAL STUDIES, INDEPENDENT STUDY
450200	ANTHROPOLOGY, OTHER
450211	ANTHROPOLOGY
450221	COMPARATIVE CULTURAL PATTERNS
450231	ANTHROPOLOGY, MYTH AND MAGIC
450241	CULTURAL ANTHROPOLOGY, RESEARCH
450300	ARCHAEOLOGY, OTHER
450311	ARCHAEOLOGY
450400	CRIMINOLOGY, OTHER
450500	DEMOGRAPHY, OTHER
450511	POPULATION EDUCATION
450600	ECONOMICS, OTHER
450601	ECONOMICS, THEORY
450602	ECONOMICS AND ECONOMIC PROBLEMS
450603	CONSUMER ECONOMICS
450606	INVESTMENT ECONOMICS
450607	TELEVISION AND ECONOMICS
450608	ENERGY EDUCATION
450609	AMERICAN LABOR HISTORY
450610	ECONOMICS, ANALYSIS AND CRITICISM
450611	ECONOMICS, COLLEGE
450612	INTERNATIONAL ECONOMICS
450700	GEOGRAPHY, OTHER
450701	GEOGRAPHY 8
450702	GEOGRAPHY, UNITED STATES
450703	GEOGRAPHY, NORTH AMERICAN
450704	WORLD GEOGRAPHY
450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA
450706	GEOGRAPHY, EASTERN HEMISPHERE
450707	PHYSICAL GEOGRAPHY
450708	ECONOMIC AND POLITICAL GEOGRAPHY
450709	HUMAN AND CULTURAL GEOGRAPHY
450710	FIELD GEOGRAPHY, HONORS
450800	HISTORY, OTHER
450900	INTERNATIONAL RELATIONS, OTHER
450911	INTERNATIONAL RELATIONS
450921	INTERNATIONAL RELATIONS, HONORS
450931	INTERNATIONAL LAW
450941	MODEL SECURITY COUNCIL, LOCAL
450951	MODEL UNITED NATIONS, LOCAL
450952	MODEL UNITED NATIONS, NATIONAL
451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER
451001	CIVICS
451002	STATE AND LOCAL GOVERNMENT
451003	GOVERNMENT, BASIC
451004	AMERICAN GOVERNMENT
451005	PRESIDENCY
451006	FRAMEWORK OF THE CONSTITUTION
451007	INDIVIDUAL VS. STATE
451008	NATIONAL STATE AND LOCAL ELECTIONS
451009	ELECTIONS, POLITICS AND MORALITY, HONORS
451010	CONTEMPORARY WORLD AFFAIRS
451011	AMERICAN FOREIGN POLICY
451012	DECISION MAKING IN A CRISIS
451013	AMERICAN HERITAGE, HONORS
451014	CONTEMPORARY AMERICAN POLITICAL ISSUES

451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS
451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC
451017	AMERICAN GOVERNMENT AND ECONOMICS
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC
451020	COMPARATIVE WORLD GOVERNMENTS
451021	AMERICANISM VS. COMMUNISM
451022	AMERICANISM VS. COMMUNISM, HONORS
451023	COMMUNISM AND ITS GROWTH
451024	CIVICS, HONORS
451025	WRITINGS INFLUENCING GOVERNMENT
451026	GOVERNMENT INTERNSHIP
451027	MODEL SENATE
451028	POLITICAL LEADERSHIP
451029	POLITICAL SCIENCE
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT
451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD STUDY
451032	POLITICAL TURMOIL
451033	CONTEMPORARY ISSUES, BASIC SKILLS
451100	SOCIOLOGY, OTHER
451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION
451121	SOCIOLOGY, GENERAL
451131	SOCIOLOGY, ISSUES
451132	THE POOR IN AMERICA
451141	MOBILITY IN SOCIETY
451151	VIOLENCE IN AMERICA
451161	DEATH AND DYING
451171	SOCIOLOGY, HONORS
451181	SOCIOLOGY, RESEARCH
451200	URBAN STUDIES, OTHER
451211	URBAN PROBLEMS
451221	URBAN ECOLOGY
451231	TECHNOLOGY AND URBANIZATION
459900	SOCIAL SCIENCES, OTHER

STUB: CIVICS/AMERICAN POLITICS

CSSC CODE	TITLE
451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER
451001	CIVICS
451002	STATE AND LOCAL GOVERNMENT
451003	GOVERNMENT, BASIC
451004	AMERICAN GOVERNMENT
451005	PRESIDENCY
451006	FRAMEWORK OF THE CONSTITUTION
451007	INDIVIDUAL VS. STATE
451008	NATIONAL STATE AND LOCAL ELECTIONS
451009	ELECTIONS, POLITICS AND MORALITY, HONORS
451012	DECISION MAKING IN A CRISIS
451013	AMERICAN HERITAGE, HONORS
451014	CONTEMPORARY AMERICAN POLITICAL ISSUES
451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS
451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC
451017	AMERICAN GOVERNMENT AND ECONOMICS
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS
451024	CIVICS, HONORS
451025	WRITINGS INFLUENCING GOVERNMENT
451029	POLITICAL SCIENCE
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT
451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD STUDY
451032	POLITICAL TURMOIL

STUB: INTERNATIONAL POLITICS

CSSC CODE	TITLE
450900	INTERNATIONAL RELATIONS, OTHER
450911	INTERNATIONAL RELATIONS
450921	INTERNATIONAL RELATIONS, HONORS
450931	INTERNATIONAL LAW
451010	CONTEMPORARY WORLD AFFAIRS
451011	AMERICAN FOREIGN POLICY
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC
451020	COMPARATIVE WORLD GOVERNMENTS
451021	AMERICANISM VS. COMMUNISM
451022	AMERICANISM VS. COMMUNISM, HONORS
451023	COMMUNISM AND ITS GROWTH
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT

STUB: ECONOMICS

CSSC CODE	TITLE
450600	ECONOMICS, OTHER
450601	ECONOMICS, THEORY
450602	ECONOMICS AND ECONOMIC PROBLEMS
450603	CONSUMER ECONOMICS
450606	INVESTMENT ECONOMICS
450607	TELEVISION AND ECONOMICS
450608	ENERGY EDUCATION
450609	AMERICAN LABOR HISTORY
450610	ECONOMICS, ANALYSIS AND CRITICISM
450611	ECONOMICS, COLLEGE
450612	INTERNATIONAL ECONOMICS

STUB: GEOGRAPHY

CSSC CODE	TITLE
450700	GEOGRAPHY, OTHER
450701	GEOGRAPHY 8
450702	GEOGRAPHY, UNITED STATES
450703	GEOGRAPHY, NORTH AMERICAN
450704	WORLD GEOGRAPHY
450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA
450706	GEOGRAPHY, EASTERN HEMISPHERE
450707	PHYSICAL GEOGRAPHY
450708	ECONOMIC AND POLITICAL GEOGRAPHY
450709	HUMAN AND CULTURAL GEOGRAPHY
450710	FIELD GEOGRAPHY, HONORS

STUB: SOCIOLOGY/PSYCHOLOGY

CSSC CODE	TITLE
420100	PSYCHOLOGY, OTHER GENERAL
420111	PSYCHOLOGY
420112	PSYCHOLOGY, ADVANCED
420113	ABNORMAL PSYCHOLOGY
420200	CLINICAL PSYCHOLOGY, OTHER
420300	COGNITIVE PSYCHOLOGY, OTHER
420311	PSYCHOLOGY OF LEARNING
420321	EDUCATIONAL PSYCHOLOGY
420400	COMMUNITY PSYCHOLOGY, OTHER
420500	COMPARATIVE PSYCHOLOGY, OTHER
420600	COUNSELING PSYCHOLOGY, OTHER
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER
420711	CHILD PSYCHOLOGY
420721	ADOLESCENT PSYCHOLOGY
420731	ADJUSTMENT PSYCHOLOGY
420800	EXPERIMENTAL PSYCHOLOGY, OTHER
420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER
421000	PERSONALITY PSYCHOLOGY, OTHER
421011	HISTORICAL PERSONALITIES AND IDEAS
421021	HUMANISTIC PSYCHOLOGY
421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER
421200	PSYCHOLINGUISTICS, OTHER
421300	PSYCHOMETRICS, OTHER
421400	PSYCHOPHARMACOLOGY, OTHER
421411	PSYCHOPHARMACOLOGY
421500	QUANTITATIVE PSYCHOLOGY, OTHER
421600	SOCIAL PSYCHOLOGY, OTHER
421611	SOCIAL PSYCHOLOGY
429900	PSYCHOLOGY, OTHER
451100	SOCIOLOGY, OTHER
451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION
451121	SOCIOLOGY, GENERAL
451131	SOCIOLOGY, ISSUES
451132	THE POOR IN AMERICA
451141	MOBILITY IN SOCIETY
451151	VIOLENCE IN AMERICA
451161	DEATH AND DYING

451171	SOCIOLOGY, HONORS
451181	SOCIOLOGY, RESEARCH

STUB: MATHEMATICS

CSSC CODE	TITLE
270100	MATHEMATICS, OTHER GENERAL
270101	MATHEMATICS 7
270102	MATHEMATICS 7, ACCELERATED
270103	MATHEMATICS 8
270104	MATHEMATICS 8, ACCELERATED
270105	UNUSED CODE
270106	MATHEMATICS 1, GENERAL
270107	MATHEMATICS 2, GENERAL
270108	SCIENCE MATHEMATICS
270109	MATHEMATICS IN THE ARTS
270110	MATHEMATICS, VOCATIONAL
270111	TECHNICAL MATHEMATICS
270112	MATHEMATICS REVIEW
270114	CONSUMER MATHEMATICS
270200	ACTUARIAL SCIENCES, OTHER
270300	APPLIED MATHEMATICS, OTHER
270400	PURE MATHEMATICS, OTHER
270401	PRE-ALGEBRA
270402	ALGEBRA 1, PART 1
270403	ALGEBRA 1, PART 2
270404	ALGEBRA 1
270405	ALGEBRA 2
270406	GEOMETRY, PLANE
270407	GEOMETRY, SOLID
270408	GEOMETRY
270409	GEOMETRY, INFORMAL
270410	ALGEBRA 3
270411	TRIGONOMETRY
270412	ANALYTIC GEOMETRY
270413	TRIGONOMETRY AND SOLID GEOMETRY
270414	ALGEBRA AND TRIGONOMETRY
270415	ALGEBRA AND ANALYTIC GEOMETRY
270416	ANALYSIS, INTRODUCTORY
270417	LINEAR ALGEBRA
270418	CALCULUS AND ANALYTIC GEOMETRY
270419	CALCULUS
270420	CALCULUS, ADVANCED PLACEMENT
270421	MATHEMATICS 1, UNIFIED

270422	MATHEMATICS 2, UNIFIED
270423	MATHEMATICS 3, UNIFIED
270424	MATHEMATICS, INDEPENDENT STUDY
270500	STATISTICS, OTHER
270511	STATISTICS
270521	PROBABILITY
270531	PROBABILITY AND STATISTICS
270601	BASIC MATH 1
270602	BASIC MATH 2
270603	BASIC MATH 3
270604	BASIC MATH 4
279900	MATHEMATICS, OTHER
320108	UNUSED CODE

STUB: ALGEBRA I

CSSC CODE	TITLE
270401	PRE-ALGEBRA
270402	ALGEBRA 1, PART 1
270403	ALGEBRA 1, PART 2
270404	ALGEBRA 1
270421	MATHEMATICS 1, UNIFIED

STUB: ALGEBRA II

CSSC CODE	TITLE
270405	ALGEBRA 2
270410	ALGEBRA 3
270417	LINEAR ALGEBRA

STUB: GEOMETRY

CSSC CODE	TITLE
270406	GEOMETRY, PLANE
270407	GEOMETRY, SOLID
270408	GEOMETRY
270409	GEOMETRY, INFORMAL
270412	ANALYTIC GEOMETRY
270415	ALGEBRA AND ANALYTIC GEOMETRY
270422	MATHEMATICS 2, UNIFIED

STUB: TRIGONOMETRY

CSSC CODE	TITLE
270411	TRIGONOMETRY
270413	TRIGONOMETRY AND SOLID GEOMETRY
270414	ALGEBRA AND TRIGONOMETRY

STUB: ANALYSIS/PRECALCULUS

CSSC CODE	TITLE
270416	ANALYSIS, INTRODUCTORY

STUB: CALCULUS

CSSC CODE	TITLE
270418	CALCULUS AND ANALYTIC GEOMETRY
270419	CALCULUS
270420	CALCULUS, ADVANCED PLACEMENT

STUB: AP CALCULUS

CSSC CODE	TITLE
270420	CALCULUS, ADVANCED PLACEMENT

STUB: STATISTICS/PROBABILITY

CSSC CODE	TITLE
270500	STATISTICS, OTHER
270511	STATISTICS
270521	PROBABILITY
270531	PROBABILITY AND STATISTICS

STUB: REMEDIAL/BELOW GRADE MATH

CSSC CODE	TITLE
270100	MATHEMATICS, OTHER GENERAL
270101	MATHEMATICS 7
270103	MATHEMATICS 8
270105	UNUSED CODE
270106	MATHEMATICS 1, GENERAL
270107	MATHEMATICS 2, GENERAL
270601	BASIC MATH 1
270602	BASIC MATH 2
270603	BASIC MATH 3
270604	BASIC MATH 4

STUB: COMPUTER SCIENCE/PROG/DATA PROCESSING

CSSC CODE	TITLE
070300	BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER
070311	COMPUTERS IN BUSINESS
070321	BUSINESS DATA PROCESSING 1
070322	BUSINESS DATA PROCESSING 2
070331	BUSINESS COMPUTER PROGRAMMING 1
070332	BUSINESS COMPUTER PROGRAMMING 2
070361	KEYBOARDING
110100	COMPUTER AND INFORMATION SCIENCES, OTHER GENERAL
110111	COMPUTER APPRECIATION
110121	COMPUTER MATHEMATICS 1
110122	COMPUTER MATHEMATICS 2
110131	COMPUTER APPLICATIONS
110132	COMPUTER APPLICATIONS, INDEPENDENT STUDY
110141	COMPUTER SCIENCE, ADVANCED PLACEMENT
110151	ARTIFICIAL INTELLIGENCE
110200	COMPUTER PROGRAMMING, OTHER
110211	COMPUTER PROGRAMMING 1
110212	COMPUTER PROGRAMMING 2
110213	COMPUTER PROGRAMMING 3
110221	FORTRAN, INTRODUCTION
110231	PASCAL, INTRODUCTION
110232	ADVANCED PASCAL
110241	BASIC, INTRODUCTION
110242	ADVANCED BASIC
110251	COBOL, INTRODUCTION
110252	ADVANCED COBOL
110261	LOGO, INTRODUCTION
110271	RPG PROGRAMMING, INTRODUCTION
110300	DATA PROCESSING, OTHER
110311	DATA PROCESSING, INTRODUCTION
110312	DATA PROCESSING, INTERMEDIATE
110313	DATA PROCESSING, ADVANCED
110321	COMPUTER PROGRAMMING - COOPERATIVE EDUCATION
110400	INFORMATION SCIENCES AND SYSTEMS, OTHER
110500	SYSTEMS ANALYSIS, OTHER
119900	COMPUTER AND INFORMATION SCIENCES, OTHER
150431	COMPUTER-ASSISTED DESIGN/DRAFTING (CAD)

STUB: SCIENCE

CSSC CODE	TITLE
140100	ENGINEERING, OTHER GENERAL
140111	ORIENTATION TO ENGINEERING
140200	AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL ENGINEERING, OTHER
140211	AEROSPACE MATERIALS
140221	AEROSPACE ENGINEERING DESIGN
140300	AGRICULTURAL ENGINEERING, OTHER
140400	ARCHITECTURAL ENGINEERING, OTHER
140411	STRENGTH OF MATERIALS - ARCHITECTURAL
140500	BIOENGINEERING AND BIOMEDICAL ENGINEERING, OTHER
140600	CERAMIC ENGINEERING, OTHER
140700	CHEMICAL ENGINEERING, OTHER
140800	CIVIL ENGINEERING, OTHER
140900	COMPUTER ENGINEERING, OTHER
141000	ELECTRICAL, ELECTRONICS, AND COMMUNICATIONS ENGINEERING, OTHER
141100	ENGINEERING MECHANICS, OTHER
141200	ENGINEERING RELATED, OTHER
141211	INSTRUMENTATION PHYSICS 1
141212	INSTRUMENTATION PHYSICS 2
141213	INSTRUMENTATION PHYSICS 3
141214	INSTRUMENTATION PHYSICS 4 /ADVANCED PLACEMENT
141300	ENGINEERING SCIENCE, OTHER
141400	ENVIRONMENTAL HEALTH ENGINEERING, OTHER
141500	GEOLOGICAL ENGINEERING, OTHER
141600	GEOPHYSICAL ENGINEERING, OTHER
141700	INDUSTRIAL ENGINEERING, OTHER
141800	MATERIALS, ENGINEERING, OTHER
141900	MECHANICAL ENGINEERING, OTHER
141911	STRENGTH OF MATERIALS - MECHANICAL TECHNOLOGY
142000	METALLURGICAL ENGINEERING, OTHER
142011	METALLURGY/POWDER METAL BASICS
142100	MINING AND MINERAL ENGINEERING, OTHER
142200	NAVAL ARCHITECTURE AND MARINE ENGINEERING, OTHER
142300	NUCLEAR ENGINEERING, OTHER
142400	OCEAN ENGINEERING, OTHER
142500	PETROLEUM ENGINEERING, OTHER
142600	SURVEYING AND MAPPING SCIENCES, OTHER
142611	CARTOGRAPHY
142700	SYSTEMS ENGINEERING, OTHER
142800	TEXTILE ENGINEERING, OTHER
149900	ENGINEERING, OTHER
260100	BIOLOGY, OTHER GENERAL
260111	SCIENCE 7
260121	BIOLOGY, BASIC 1
260122	BIOLOGY, BASIC 2
260131	BIOLOGY, GENERAL 1
260132	BIOLOGY, GENERAL 2
260141	BIOLOGY, HONORS 1
260142	BIOLOGY, ADVANCED
260151	FIELD BIOLOGY
260161	GENETICS
260171	BIOPSYCHOLOGY
260181	BIOLOGY SEMINAR
260200	BIOCHEMISTRY AND BIOPHYSICS, OTHER
260211	BIOCHEMISTRY
260300	BOTANY, OTHER
260311	BOTANY
260411	CELL BIOLOGY
260500	MICROBIOLOGY, OTHER
260511	MICROBIOLOGY
260600	MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES, OTHER
260611	ECOLOGY
260621	MARINE BIOLOGY
260622	MARINE BIOLOGY, ADVANCED
260631	ANATOMY
260700	ZOOLOGY, OTHER
260711	ZOOLOGY
260721	ZOOLOGY, VERTEBRATE
260731	ZOOLOGY, INVERTEBRATE
260741	ANIMAL BEHAVIOR
260751	PHYSIOLOGY, HUMAN
260752	PHYSIOLOGY, ADVANCED
260761	PATHOLOGY
260771	COMPARATIVE EMBRYOLOGY

269900	LIFE SCIENCES, OTHER
300100	BIOLOGICAL AND PHYSICAL SCIENCES, OTHER
300111	SCIENCE, UNIFIED
300112	COLLEGE PRE-SCIENCE SKILLS
300121	SCIENCE STUDY, INDEPENDENT
300131	OUTDOOR EDUCATION
300300	ENGINEERING AND OTHER DISCIPLINES, OTHER
300311	ENGINEERING CONCEPTS
300600	SYSTEMS SCIENCE, OTHER
300611	FUTURISTICS
300621	ENVIRONMENTAL SCIENCE
300631	ENERGY AND ENVIRONMENT
400100	PHYSICAL SCIENCES, OTHER GENERAL
400111	SCIENCE 8
400121	PHYSICAL SCIENCE
400131	CHEMISTRY AND PHYSICS LABORATORY TECHNIQUES
400141	PHYSICAL SCIENCE, APPLIED
400200	ASTRONOMY, OTHER
400211	ASTRONOMY
400300	ASTROPHYSICS, OTHER
400400	ATMOSPHERIC SCIENCES AND METEOROLOGY, OTHER
400411	METEOROLOGY
400500	CHEMISTRY, OTHER
400511	CHEMISTRY, INTRODUCTORY
400521	CHEMISTRY 1
400522	CHEMISTRY 2
400531	ORGANIC CHEMISTRY
400541	PHYSICAL CHEMISTRY
400551	CONSUMER CHEMISTRY
400561	CHEMISTRY, INDEPENDENT STUDY
400600	GEOLOGICAL SCIENCES, OTHER
400611	EARTH SCIENCE
400621	EARTH SCIENCE, COLLEGE PREPARATORY
400631	GEOLOGY
400632	GEOLOGY - FIELD STUDIES
400641	MINERALOGY
400700	MISCELLANEOUS PHYSICAL SCIENCES, OTHER
400711	OCEANOGRAPHY
400800	PHYSICS, OTHER
400811	PHYSICS, GENERAL
400821	PHYSICS 1
400822	PHYSICS 2
400831	PHYSICS 2 WITHOUT CALCULUS
400841	ELECTRICITY AND ELECTRONICS SCIENCE
400851	ACOUSTICS
400900	PLANETARY SCIENCE, OTHER
400911	ROCKETRY AND SPACE SCIENCE
401011	AEROSPACE SCIENCE
409900	PHYSICAL SCIENCES, OTHER
410100	BIOLOGICAL TECHNOLOGIES, OTHER
410200	NUCLEAR TECHNOLOGIES, OTHER
410211	RADIOACTIVITY
410300	PHYSICAL SCIENCE TECHNOLOGIES, OTHER
419900	SCIENCE TECHNOLOGIES, OTHER

STUB: BIOLOGY

CSSC CODE	TITLE
260100	BIOLOGY, OTHER GENERAL
260111	SCIENCE 7
260121	BIOLOGY, BASIC 1
260122	BIOLOGY, BASIC 2
260131	BIOLOGY, GENERAL 1
260132	BIOLOGY, GENERAL 2
260141	BIOLOGY, HONORS 1
260142	BIOLOGY, ADVANCED
260151	FIELD BIOLOGY
260161	GENETICS
260171	BIOPSYCHOLOGY
260181	BIOLOGY SEMINAR
260200	BIOCHEMISTRY AND BIOPHYSICS, OTHER
260211	BIOCHEMISTRY
260300	BOTANY, OTHER
260311	BOTANY
260411	CELL BIOLOGY
260500	MICROBIOLOGY, OTHER
260511	MICROBIOLOGY
260600	MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES, OTHER
260611	ECOLOGY
260621	MARINE BIOLOGY
260622	MARINE BIOLOGY, ADVANCED
260631	ANATOMY
260700	ZOOLOGY, OTHER
260711	ZOOLOGY
260721	ZOOLOGY, VERTEBRATE
260731	ZOOLOGY, INVERTEBRATE
260741	ANIMAL BEHAVIOR
260751	PHYSIOLOGY, HUMAN
260752	PHYSIOLOGY, ADVANCED
260761	PATHOLOGY
260771	COMPARATIVE EMBRYOLOGY
269900	LIFE SCIENCES, OTHER

STUB: AP/HONORS BIOLOGY

CSSC CODE	TITLE
260142	BIOLOGY, ADVANCED

STUB: CHEMISTRY

CSSC CODE	TITLE
400131	CHEMISTRY AND PHYSICS LABORATORY TECHNIQUES
400500	CHEMISTRY, OTHER
400511	CHEMISTRY, INTRODUCTORY
400521	CHEMISTRY 1
400522	CHEMISTRY 2
400531	ORGANIC CHEMISTRY
400541	PHYSICAL CHEMISTRY
400551	CONSUMER CHEMISTRY
400561	CHEMISTRY, INDEPENDENT STUDY

STUB: AP/HONORS CHEMISTRY

CSSC CODE	TITLE
400522	CHEMISTRY 2

STUB: **PHYSICS**

CSSC CODE	TITLE
400800	PHYSICS, OTHER
400811	PHYSICS, GENERAL
400821	PHYSICS 1
400822	PHYSICS 2
400831	PHYSICS 2 WITHOUT CALCULUS
400841	ELECTRICITY AND ELECTRONICS SCIENCE
400851	ACOUSTICS

STUB: **AP/HONORS PHYSICS**

CSSC CODE	TITLE
400822	PHYSICS 2

STUB: ENGINEERING

CSSC CODE	TITLE
140100	ENGINEERING, OTHER GENERAL
140111	ORIENTATION TO ENGINEERING
140200	AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL ENGINEERING, OTHER
140211	AEROSPACE MATERIALS
140221	AEROSPACE ENGINEERING DESIGN
140300	AGRICULTURAL ENGINEERING, OTHER
140400	ARCHITECTURAL ENGINEERING, OTHER
140411	STRENGTH OF MATERIALS - ARCHITECTURAL
140500	BIOENGINEERING AND BIOMEDICAL ENGINEERING, OTHER
140600	CERAMIC ENGINEERING, OTHER
140700	CHEMICAL ENGINEERING, OTHER
140800	CIVIL ENGINEERING, OTHER
140900	COMPUTER ENGINEERING, OTHER
141000	ELECTRICAL, ELECTRONICS, AND COMMUNICATIONS ENGINEERING, OTHER
141100	ENGINEERING MECHANICS, OTHER
141200	ENGINEERING RELATED, OTHER
141211	INSTRUMENTATION PHYSICS 1
141212	INSTRUMENTATION PHYSICS 2
141213	INSTRUMENTATION PHYSICS 3
141214	INSTRUMENTATION PHYSICS 4 /ADVANCED PLACEMENT
141300	ENGINEERING SCIENCE, OTHER
141400	ENVIRONMENTAL HEALTH ENGINEERING, OTHER
141500	GEOLOGICAL ENGINEERING, OTHER
141600	GEOPHYSICAL ENGINEERING, OTHER
141700	INDUSTRIAL ENGINEERING, OTHER
141800	MATERIALS, ENGINEERING, OTHER
141900	MECHANICAL ENGINEERING, OTHER
141911	STRENGTH OF MATERIALS - MECHANICAL TECHNOLOGY
142000	METALLURGICAL ENGINEERING, OTHER
142011	METALLURGY/POWDER METAL BASICS
142100	MINING AND MINERAL ENGINEERING, OTHER
142200	NAVAL ARCHITECTURE AND MARINE ENGINEERING, OTHER
142300	NUCLEAR ENGINEERING, OTHER
142400	OCEAN ENGINEERING, OTHER
142500	PETROLEUM ENGINEERING, OTHER
142600	SURVEYING AND MAPPING SCIENCES, OTHER
142611	CARTOGRAPHY
142700	SYSTEMS ENGINEERING, OTHER
142800	TEXTILE ENGINEERING, OTHER
149900	ENGINEERING, OTHER
300300	ENGINEERING AND OTHER DISCIPLINES, OTHER
300311	ENGINEERING CONCEPTS
410100	BIOLOGICAL TECHNOLOGIES, OTHER
410200	NUCLEAR TECHNOLOGIES, OTHER
410211	RADIOACTIVITY
410300	PHYSICAL SCIENCE TECHNOLOGIES, OTHER
419900	SCIENCE TECHNOLOGIES, OTHER

STUB: ASTRONOMY

CSSC CODE	TITLE
400200	ASTRONOMY, OTHER
400211	ASTRONOMY
400300	ASTROPHYSICS, OTHER

STUB: GEOLOGY

CSSC CODE	TITLE
400600	GEOLOGICAL SCIENCES, OTHER
400611	EARTH SCIENCE
400621	EARTH SCIENCE, COLLEGE PREPARATORY
400631	GEOLOGY
400632	GEOLOGY - FIELD STUDIES
400641	MINERALOGY
400700	MISCELLANEOUS PHYSICAL SCIENCES, OTHER
400711	OCEANOGRAPHY

STUB: FOREIGN LANGUAGES

CSSC CODE	TITLE
090811	SIGN LANGUAGE 1
090812	SIGN LANGUAGE 2
090821	BRAILLE COMMUNICATIONS
160100	FOREIGN LANGUAGES, MULTIPLE EMPHASIS, OTHER
160111	FOREIGN LANGUAGE, EXPLORATORY
160200	AFRICAN (NON-SEMITIC) LANGUAGES, OTHER
160211	SWAHILI 1
160212	SWAHILI 2
160221	AMHARIC 1 (ETHIOPIAN)
160222	AMHARIC 2 (ETHIOPIAN)
160300	ASIATIC LANGUAGES, OTHER
160311	CANTONESE 1
160312	CANTONESE 2
160313	CANTONESE 3
160314	CANTONESE 4
160321	MANDARIN 1
160322	MANDARIN 2
160323	MANDARIN 3
160324	MANDARIN 4
160325	MANDARIN 5
160331	JAPANESE 1
160332	JAPANESE 2
160333	JAPANESE 3
160334	JAPANESE 4
160335	JAPANESE 5
160336	FOREIGN LANGUAGE CONTRACT, JAPANESE INDEPENDENT STUDY
160341	HAWAIIAN 1
160342	HAWAIIAN 2
160343	HAWAIIAN 3
160344	HAWAIIAN 4
160345	HAWAIIAN LANGUAGE AND CULTURE
160351	KOREAN 1
160352	KOREAN 2
160353	KOREAN 3
160354	KOREAN 4
160355	KOREAN 5
160400	BALTO-SLAVIC LANGUAGES, OTHER
160411	UKRAINIAN 1
160421	RUSSIAN 1
160422	RUSSIAN 2
160423	RUSSIAN 3
160424	RUSSIAN 4
160425	RUSSIAN 5
160426	RUSSIAN 6
160427	FOREIGN LANGUAGE CONTRACT, RUSSIAN INDEPENDENT STUDY
160431	CZECH 1
160432	CZECH 2
160433	CZECH 3
160441	POLISH 1
160442	POLISH 2
160443	POLISH 3
160444	POLISH 4
160451	FINNISH 1
160452	FINNISH 2
160453	FINNISH 3
160454	FINNISH 4
160500	GERMANIC LANGUAGES, OTHER
160501 #	DUTCH 1
160502 #	DUTCH 2
160503 #	DUTCH 3
160511	GERMAN 7
160512	GERMAN 8
160513	GERMAN 1
160514	GERMAN 2
160515	GERMAN 3
160516	GERMAN 4
160517	GERMAN, ADVANCED PLACEMENT
160518	GERMAN FIELD-BASED EXPERIENCE
160519	FOREIGN LANGUAGE CONTRACT, GERMAN INDEPENDENT STUDY
160521	NORWEGIAN 1
160522	NORWEGIAN 2
160531	SWEDISH 1
160532	SWEDISH 2
160533	SWEDISH 3
160541	YIDDISH 1
160542	YIDDISH 2
160543	YIDDISH 3

160600	GREEK, OTHER
160611	MODERN GREEK FOR SURVIVAL
160621	MODERN GREEK
160622	MODERN GREEK 2
160623	MODERN GREEK 3
160624	MODERN GREEK 4
160631	CLASSICAL GREEK 1
160632	CLASSICAL GREEK 2
160633	CLASSICAL GREEK 3
160634	CLASSICAL GREEK 4
160700	INDIC LANGUAGES, OTHER
160800	IRANIAN LANGUAGES, OTHER
160900	ITALIC LANGUAGES, OTHER
160901	FRENCH 7
160902	FRENCH 8
160903	FRENCH 1
160904	FRENCH 2
160905	FRENCH 3
160906	FRENCH 4
160907	FRENCH, ADVANCED PLACEMENT
160908	FRENCH FIELD-BASED EXPERIENCE
160909	FOREIGN LANGUAGE CONTRACT, FRENCH INDEPENDENT STUDY
160910	FRENCH, CONVERSATIONAL
160911	ITALIAN 7
160912	ITALIAN 8
160913	ITALIAN 1
160914	ITALIAN 2
160915	ITALIAN 3
160916	ITALIAN 4
160917	ITALIAN, ADVANCED PLACEMENT
160918	ITALIAN FIELD-BASED EXPERIENCE
160919	FOREIGN LANGUAGE CONTRACT, ITALIAN INDEPENDENT STUDY
160920	LATIN 1
160921	LATIN 2
160922	LATIN 3
160923	LATIN 4
160924	LATIN, ADVANCED PLACEMENT
160925	FOREIGN LANGUAGE CONTRACT, LATIN
160926	PORTUGUESE 1
160927	PORTUGUESE 2
160928	PORTUGUESE 3
160929	PORTUGUESE 4
160930	PORTUGUESE 5
160931	SPANISH 7
160932	SPANISH 8
160933	SPANISH 1
160934	SPANISH 2
160935	SPANISH 3
160936	SPANISH 4
160937	SPANISH, ADVANCED PLACEMENT
160938	SPANISH FIELD-BASED EXPERIENCE
160939	FOREIGN LANGUAGE CONTRACT, SPANISH INDEPENDENT STUDY
160941	SPANISH FOR TRAVELERS
160942	SPANISH, COMMERCIAL
161000	NATIVE AMERICAN LANGUAGES, OTHER
161100	SEMITIC LANGUAGES, OTHER
161111	HEBREW 1
161112	HEBREW 2
161113	HEBREW 3
161114	HEBREW 4
161115	ARABIC 1
161116	ARABIC 2
161117	ARABIC 3
161118	ARABIC 4
161119	FOREIGN LANGUAGE CONTRACT - ARABIC INDEPENDENT STUDY
161211	TURKISH 1
161212	TURKISH 2
169900	FOREIGN LANGUAGES, OTHER

STUB:	FRENCH
CSSC CODE	TITLE
160901	FRENCH 7
160902	FRENCH 8
160903	FRENCH 1
160904	FRENCH 2
160905	FRENCH 3
160906	FRENCH 4
160907	FRENCH, ADVANCED PLACEMENT
160908	FRENCH FIELD-BASED EXPERIENCE
160909	FOREIGN LANGUAGE CONTRACT, FRENCH INDEPENDENT STUDY
160910	FRENCH, CONVERSATIONAL

STUB:	SPANISH
CSSC CODE	TITLE
160931	SPANISH 7
160932	SPANISH 8
160933	SPANISH [illegible]
160934	SPANISH 2
160935	SPANISH 3
160936	SPANISH 4
160937	SPANISH, ADVANCED PLACEMENT
160938	SPANISH FIELD-BASED EXPERIENCE
160939	FOREIGN LANGUAGE CONTRACT, SPANISH INDEPENDENT STUDY
160941	SPANISH FOR TRAVELERS
160942	SPANISH, COMMERCIAL

STUB: GERMAN

CSSC CODE	TITLE
160511	GERMAN 7
160512	GERMAN 8
160513	GERMAN 1
160514	GERMAN 2
160515	GERMAN 3
160516	GERMAN 4
160517	GERMAN, ADVANCED PLACEMENT
160518	GERMAN FIELD-BASED EXPERIENCE
160519	FOREIGN LANGUAGE CONTRACT, GERMAN INDEPENDENT STUDY

STUB: FOR LANG OTHER FR,SP,OR GER

CSSC CODE	TITLE
090811	SIGN LANGUAGE 1
090812	SIGN LANGUAGE 2
090821	BRAILLE COMMUNICATIONS
160100	FOREIGN LANGUAGES, MULTIPLE EMPHASIS, OTHER
160111	FOREIGN LANGUAGE, EXPLORATORY
160200	AFRICAN (NON-SEMITIC) LANGUAGES, OTHER
160211	SWAHILI 1
160212	SWAHILI 2
160221	AMHARIC 1 (ETHIOPIAN)
160222	AMHARIC 2 (ETHIOPIAN)
160300	ASIATIC LANGUAGES, OTHER
160311	CANTONESE 1
160312	CANTONESE 2
160313	CANTONESE 3
160314	CANTONESE 4
160321	MANDARIN 1
160322	MANDARIN 2
160323	MANDARIN 3
160324	MANDARIN 4
160325	MANDARIN 5
160331	JAPANESE 1
160332	JAPANESE 2
160333	JAPANESE 3
160334	JAPANESE 4
160335	JAPANESE 5
160336	FOREIGN LANGUAGE CONTRACT, JAPANESE INDEPENDENT STUDY
160341	HAWAIIAN 1
160342	HAWAIIAN 2
160343	HAWAIIAN 3
160344	HAWAIIAN 4
160345	HAWAIIAN LANGUAGE AND CULTURE
160351	KOREAN 1
160352	KOREAN 2
160353	KOREAN 3
160354	KOREAN 4
160355	KOREAN 5

160400	BALTO-SLAVIC LANGUAGES, OTHER
160411	UKRAINIAN 1
160421	RUSSIAN 1
160422	RUSSIAN 2
160423	RUSSIAN 3
160424	RUSSIAN 4
160425	RUSSIAN 5
160426	RUSSIAN 6
160427	FOREIGN LANGUAGE CONTRACT, RUSSIAN INDEPENDENT STUDY
160431	CZECH 1
160432	CZECH 2
160433	CZECH 3
160441	POLISH 1
160442	POLISH 2
160443	POLISH 3
160444	POLISH 4
160451	FINNISH 1
160452	FINNISH 2
160453	FINNISH 3
160454	FINNISH 4
160500	GERMANIC LANGUAGES, OTHER
160501 #	DUTCH 1
160502 #	DUTCH 2
160503 #	DUTCH 3
160521	NORWEGIAN 1
160522	NORWEGIAN 2
160531	SWEDISH 1
160532	SWEDISH 2
160533	SWEDISH 3
160541	YIDDISH 1
160542	YIDDISH 2
160543	YIDDISH 3
160600	GREEK, OTHER
160611	MODERN GREEK FOR SURVIVAL
160621	MODERN GREEK
160622	MODERN GREEK 2
160623	MODERN GREEK 3
160624	MODERN GREEK 4
160631	CLASSICAL GREEK 1
160632	CLASSICAL GREEK 2
160633	CLASSICAL GREEK 3
160634	CLASSICAL GREEK 4
160700	INDIC LANGUAGES, OTHER
160800	IRANIAN LANGUAGES, OTHER
160900	ITALIC LANGUAGES, OTHER
160911	ITALIAN 7
160912	ITALIAN 8
160913	ITALIAN 1
160914	ITALIAN 2
160915	ITALIAN 3
160916	ITALIAN 4
160917	ITALIAN, ADVANCED PLACEMENT
160918	ITALIAN FIELD-BASED EXPERIENCE
160919	FOREIGN LANGUAGE CONTRACT, ITALIAN INDEPENDENT STUDY
160920	LATIN 1
160921	LATIN 2
160922	LATIN 3
160923	LATIN 4
160924	LATIN, ADVANCED PLACEMENT
160925	FOREIGN LANGUAGE CONTRACT, LATIN
160926	PORTUGUESE 1
160927	PORTUGUESE 2
160928	PORTUGUESE 3
160929	PORTUGUESE 4
160930	PORTUGUESE 5
161000	NATIVE AMERICAN LANGUAGES, OTHER
161100	SEMITIC LANGUAGES, OTHER
161111	HEBREW 1
161112	HEBREW 2
161113	HEBREW 3
161114	HEBREW 4
161115	ARABIC 1
161116	ARABIC 2
161117	ARABIC 3
161118	ARABIC 4
161119	FOREIGN LANGUAGE CONTRACT - ARABIC INDEPENDENT STUDY
161211	TURKISH 1
161212	TURKISH 2
169900	FOREIGN LANGUAGES, OTHER

STUB: LATIN

CSSC CODE	TITLE
160920	LATIN 1
160921	LATIN 2
160922	LATIN 3
160923	LATIN 4
160924	LATIN, ADVANCED PLACEMENT
160925	FOREIGN LANGUAGE CONTRACT, LATIN

STUB: JAPANESE

CSSC CODE	TITLE
160331	JAPANESE 1
160332	JAPANESE 2
160333	JAPANESE 3
160334	JAPANESE 4
160335	JAPANESE 5
160336	FOREIGN LANGUAGE CONTRACT, JAPANESE INDEPENDENT STUDY

STUB: MANDARIN/CANTONESE

CSSC CODE	TITLE
160311	CANTONESE 1
160312	CANTONESE 2
160313	CANTONESE 3
160314	CANTONESE 4
160321	MANDARIN 1
160322	MANDARIN 2
160323	MANDARIN 3
160324	MANDARIN 4
160325	MANDARIN 5

STUB: RUSSIAN

CSSC CODE	TITLE
160421	RUSSIAN 1
160422	RUSSIAN 2
160423	RUSSIAN 3
160424	RUSSIAN 4
160425	RUSSIAN 5
160426	RUSSIAN 6
160427	FOREIGN LANGUAGE CONTRACT, RUSSIAN INDEPENDENT STUDY

STUB: NON-OCC SPECIFIC VOC ED

CSSC CODE	TITLE
040100	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER GENERAL
040200	ARCHITECTURE, OTHER
040211	ARCHITECTURE, INTRODUCTION
040212	ARCHITECTURE, ADVANCED
040221	ARCHITECTURAL THEORY
040300	CITY, COMMUNITY, AND REGIONAL PLANNING, OTHER
040400	ENVIRONMENTAL DESIGN, OTHER
040600	LANDSCAPE ARCHITECTURE, OTHER
040700	URBAN DESIGN, OTHER
049900	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER
060500	BUSINESS ECONOMICS, OTHER
060511	BUSINESS ECONOMICS
060600	HUMAN RESOURCES DEVELOPMENT, OTHER
060900	INTERNATIONAL BUSINESS MANAGEMENT, OTHER
061100	LABOR INDUSTRIAL RELATIONS, OTHER
061200	MANAGEMENT INFORMATION SYSTEMS, OTHER
061300	MANAGEMENT SCIENCE, OTHER
061500	ORGANIZATIONAL BEHAVIOR, OTHER
061600	PERSONNEL MANAGEMENT, OTHER
069900	BUSINESS AND MANAGEMENT, OTHER
070171	BUSINESS MATHEMATICS 1
070172	BUSINESS MATHEMATICS 2
070400	OFFICE SUPERVISION AND MANAGEMENT, OTHER
070411	BUSINESS ENGLISH 1
070412	BUSINESS ENGLISH 2
070413	BUSINESS ENGLISH 3
070414	BUSINESS ENGLISH 4
070500	PERSONNEL AND TRAINING PROGRAMS, OTHER
070711	TYPEWRITING 1
090500	PUBLIC RELATIONS, OTHER
090600	RADIO/TELEVISION NEWS BROADCAST, OTHER
090611	BROADCAST JOURNALISM
090612	CAREERS IN RADIO/TELEVISION BROADCASTING
090700	RADIO/TELEVISION, OTHER GENERAL
090711	BROADCASTING, INTRODUCTION
090831	CRYPTOGRAPHY
100111	WORLD OF COMMUNICATIONS
120411	COSMETOLOGY
130100	EDUCATION, OTHER GENERAL
130200	BILINGUAL/BICULTURAL EDUCATION, OTHER
130300	CURRICULUM AND INSTRUCTION, OTHER
130400	EDUCATION ADMINISTRATION, OTHER
130500	EDUCATIONAL MEDIA, OTHER
130600	EVALUATION AND RESEARCH, OTHER
130700	INTERNATIONAL AND COMPARATIVE EDUCATION, OTHER
130800	SCHOOL PSYCHOLOGY, OTHER
130900	SOCIAL FOUNDATIONS, OTHER
131000	SPECIAL EDUCATION, OTHER
131100	STUDENT COUNSELING AND PERSONNEL SERVICES, OTHER
131200	TEACHER EDUCATION, GENERAL PROGRAMS, OTHER
131300	TEACHER EDUCATION, SPECIFIC SUBJECT AREAS, OTHER
131400	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE, OTHER
139900	EDUCATION, OTHER
180100	AUDIOLOGY AND SPEECH PATHOLOGY, OTHER
180200	BASIC CLINICAL HEALTH SCIENCES, OTHER
180300	CHIROPRACTIC, OTHER
180400	DENTISTRY, OTHER
180500	EMERGENCY/DISASTER SCIENCE, OTHER
180600	EPIDEMIOLOGY, OTHER
180700	HEALTH SCIENCES ADMINISTRATION, OTHER
180800	HEMATOLOGY, OTHER
180900	MEDICAL LABORATORY, OTHER
181000	MEDICINE, OTHER
181100	NURSING, OTHER
181200	OPTOMETRY, OTHER
181300	OSTEOPATHIC MEDICINE, OTHER
181400	PHARMACY, OTHER
181411	PHARMACY TECHNICIAN
181500	PODIATRY, OTHER
181600	POPULATION AND FAMILY PLANNING, OTHER

181700	PRE-DENTISTRY, OTHER
181800	PRE-MEDICINE, OTHER
181801	MEDICAL ETHICS
181900	PRE-PHARMACY, OTHER
182000	PRE-VETERINARY, OTHER
182100	PROSECTORIAL SCIENCE, OTHER
182200	PUBLIC HEALTH LABORATORY SCIENCE, OTHER
182300	TOXICOLOGY (CLINICAL), OTHER
182400	VETERINARY MEDICINE, OTHER
189900	HEALTH SCIENCES, OTHER
200100	CONSUMER AND HOMEMAKING HOME ECONOMICS, OTHER
200111	HOME ECONOMICS 7
200112	HOME ECONOMICS 8
200113	HOME ECONOMICS 1
200114	HOME ECONOMICS 2
200115	HOME ECONOMICS 3
200116	HOME ECONOMICS 4
200117	ADULT ROLES AND FUNCTIONS
200118	COMPREHENSIVE CONSUMER AND HOMEMAKING HOME ECONOMICS, INDEPENDENT STUDY
200121	CHILD DEVELOPMENT 8
200122	CHILD DEVELOPMENT 1
200123	CHILD DEVELOPMENT 2
200124	CHILD DEVELOPMENT 3
200125	CHILD DEVELOPMENT 4
200126	CURRENT ISSUES IN CHILD DEVELOPMENT
200131	CLOTHING 7
200132	CLOTHING 8
200133	CLOTHING 1
200134	CLOTHING 2
200135	CLOTHING 3
200136	CLOTHING 4
200137	TAILORING
200141	CONSUMER EDUCATION
200142	CONSUMER EDUCATION 2
200151	HOME ECONOMICS OCCUPATIONS 1, EXPLORATORY
200152	HOME ECONOMICS OCCUPATIONS 2, EXPLORATORY
200153	HOME ECONOMICS LABORATORY ASSISTANT
200154	HOME ECONOMICS LEADERSHIP
200161	FAMILY HEALTH 1
200162	FAMILY HEALTH 2
200171	FAMILY RELATIONS
200172	MARRIAGE SOCIETY AND CHANGE
200173	PARENTHOOD
200181	FOODS AND NUTRITION 7
200182	FOODS AND NUTRITION 8
200183	FOODS 1
200184	FOODS 2
200185	FOODS 3
200186	FOODS 4
200187	INTERNATIONAL FOODS
200188	NUTRITION
200191	HOME MANAGEMENT 1
200192	HOME MANAGEMENT 2
210100	INDUSTRIAL ARTS, OTHER
210101	INDUSTRIAL ARTS 7
210102	INDUSTRIAL ARTS 8
210103	INDUSTRIAL ARTS 1
210104	INDUSTRIAL ARTS 2
210105	INDUSTRIAL ARTS 3
210106	INDUSTRIAL ARTS 4
210107	INDUSTRY AND TECHNOLOGY
210108	INDUSTRIAL PRODUCTION
210109	INDUSTRIAL OCCUPATIONS 1
210113	ELECTRICITY 1
210114	ELECTRICITY 2
210115	ELECTRONICS 1
210116	ELECTRONICS 2
210117	ELECTRONICS 3
210118	ELECTRONICS 4
210119	ELECTRICITY AND ELECTRONICS, INTRODUCTION
210120	ELECTRICITY AND ELECTRONICS, ADVANCED
210126	INDUSTRIAL ARTS RESEARCH
230156	VOCATIONAL ENGLISH
460441	HOME MAINTENANCE AND REPAIR
470621	AUTO MECHANICS 1
470651	CONSUMER AUTO
480111	MECHANICAL DRAWING 1
480311	LEATHERWORK 1
480511	METAL 1
480711	WOODWORKING 1

490100	AIR TRANSPORTATION, OTHER
490111	AERONAUTICS 1
490112	AERONAUTICS 2
500291	PRINTMAKING 1
500292	PRINTMAKING 2
500721	SILK SCREEN
500722	ASSEMBLAGE
510101 #	EXECUTIVE INTERNSHIP
510102 #	EXECUTIVE INTERNSHIP 2
510103	INTERNATIONAL CAREERS INTERNSHIP

STUB: OCC SPECIFIC VOC ED

CSSC CODE	TITLE
010100	AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER
010111	AGRIBUSINESS, INTRODUCTION
010121	AGRICULTURAL BUSINESS OPERATION
010131	FARM AND RANCH MANAGEMENT
010141	STATE AND COMMUNITY AGRICULTURE
010151	AGRICULTURAL MATHEMATICS
010161	AGRICULTURAL MICROPROCESSING
010171	AGRICULTURE COOPERATIVES
010172	AGRICULTURAL COOPERATIVE EDUCATION II
010181	AGRICULTURE, INDEPENDENT STUDY
010182	SOEP - SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM
010200	AGRICULTURAL MECHANICS, OTHER
010211	AGRICULTURAL MECHANICS, GENERAL
010212	AGRICULTURAL MECHANICS 2
010213	AGRICULTURAL MECHANICS 3
010214	AGRICULTURAL MECHANICS 4
010221	WELDING, AGRICULTURAL
010231	POWER AND MACHINERY, AGRICULTURAL
010241	FARM CONSTRUCTION
010251	ELECTRICITY AND ELECTRONICS, AGRICULTURAL
010261	SOIL AND WATER MECHANICAL PRACTICES
010271	SURVEYING, AGRICULTURAL
010300	AGRICULTURAL PRODUCTION, OTHER
010311	AGRICULTURAL PRODUCTION, GENERAL
010312	AGRICULTURE TECHNOLOGY 1
010313	AGRICULTURE TECHNOLOGY 2
010321	ANIMAL PRODUCTION
010331	CROP PRODUCTION
010400	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER
010411	AGRICULTURAL PRODUCTS AND PROCESSING I
010412	AGRICULTURAL PRODUCTS AND PROCESSING II
010421	AGRICULTURAL PRODUCTS AND PROCESSING - COOPERATIVE EDUCATION

010500	AGRICULTURAL SERVICES AND SUPPLIES, OTHER
010511	AGRICULTURAL SUPPLIES MARKETING
010521	ANIMAL GROOMING
010600	HORTICULTURE, OTHER
010611	HORTICULTURE
010621	FLORICULTURE
010631	LANDSCAPING
010632	LANDSCAPING, ADVANCED
010641	GREENHOUSE MANAGEMENT
010651	NURSERY OPERATIONS AND MANAGEMENT
010661	HORTICULTURE POWER EQUIPMENT OPERATION AND MAINTENANCE
010662	HORTICULTURAL MECHANICS II
010671	TURF MANAGEMENT
010681	FRUIT AND VEGETABLE PRODUCTION
010700	INTERNATIONAL AGRICULTURE, OTHER
019900	AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER
020100	AGRICULTURAL SCIENCES, OTHER GENERAL
020111	AGRICULTURAL SCIENCES, GENERAL
020121	AGRICULTURAL OCCUPATIONS 1
020122	AGRICULTURAL OCCUPATIONS 2
020123	AGRICULTURAL OCCUPATIONS 3
020124	AGRICULTURAL OCCUPATIONS 4
020200	ANIMAL SCIENCES, OTHER
020211	ANIMAL SCIENCES 1
020212	ANIMAL SCIENCES 2
020221	LIVESTOCK 9
020222	LIVESTOCK 10
020231	POULTRY
020241	DAIRY PRODUCTION
020251	NUTRITION AND FEEDS
020261	HORSE PRODUCTION
020262	HORSESHOEING/FARRIER TRAINING
020271	SMALL ANIMAL PRODUCTION 1
020272	SMALL ANIMAL PRODUCTION 2
020281	FISH PRODUCTION
020300	FOOD SCIENCES, OTHER
020400	PLANT SCIENCES, OTHER
020411	AGRONOMY
020421	ORNAMENTAL HORTICULTURE 1
020422	ORNAMENTAL HORTICULTURE 2
020423	ORNAMENTAL HORTICULTURE 3
020500	SOIL SCIENCES, OTHER
020511	SOIL SCIENCES, GENERAL
020521	FERTILIZERS AND CHEMICALS
029900	AGRICULTURAL SCIENCES, OTHER
030100	RENEWABLE NATURAL RESOURCES, OTHER GENERAL
030200	CONSERVATION AND REGULATION, OTHER
030211	CONSERVATION AND REGULATION
030212	ENVIRONMENTAL MANAGEMENT 1
030213	ENVIRONMENTAL MANAGEMENT 2
030221	ENVIRONMENTAL MANAGEMENT - COOPERATIVE EDUCATION
030300	FISHING AND FISHERIES, OTHER
030311	WATERMAN OCCUPATIONS
030400	FORESTRY PRODUCTION AND PROCESSING, OTHER
030500	FORESTRY AND RELATED SCIENCES, OTHER
030511	FORESTRY SCIENCE 1
030512	FORESTRY SCIENCE 2
030521	FORESTRY OCCUPATIONS - WORK EXPERIENCE
030600	WILDLIFE MANAGEMENT, OTHER
030611	WILDLIFE MANAGEMENT
030621	RURAL RECREATION
039900	RENEWABLE NATURAL RESOURCES, OTHER
040500	INTERIOR DESIGN, OTHER
040511	INTERIOR DESIGN
060100	BUSINESS AND MANAGEMENT, OTHER GENERAL
060111	BUSINESS INTRODUCTION
060121	BUSINESS LAW
060131	BUSINESS, INDEPENDENT STUDY
060141	BUSINESS EDUCATION, COOPERATIVE
060200	ACCOUNTING, OTHER
060211	ACCOUNTING/BUSINESS MANAGEMENT CAREERS - INTEGRATED CURRICULUM
060300	BANKING AND FINANCE, OTHER
060311	FINANCIAL CAREERS
060321	REAL ESTATE FINANCE
060331	CONSUMER LENDING
060400	BUSINESS ADMINISTRATION AND MANAGEMENT, OTHER
060411	BUSINESS ORGANIZATION AND MANAGEMENT
060700	INSTITUTIONAL MANAGEMENT, OTHER

060711	HOTEL AND MOTEL MANAGEMENT
060712	HOTEL AND MOTEL TRAINING
060800	INSURANCE AND RISK MANAGEMENT, OTHER
060811	INSURANCE CAREERS
061000	INVESTMENTS AND SECURITIES, OTHER
061011	INVESTMENTS AND TAXATION
061400	MARKETING MANAGEMENT AND RESEARCH, OTHER
061411	MARKETING MANAGEMENT AND DECISION MAKING
061700	REAL ESTATE, OTHER
061711	REAL ESTATE MARKETING
061800	SMALL BUSINESS MANAGEMENT AND OWNERSHIP, OTHER
061811	SMALL BUSINESS MANAGEMENT
061900	TAXATION, OTHER
070100	ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, OTHER
070111	BOOKKEEPING 1
070112	BOOKKEEPING 2
070121	ACCOUNTING 1
070122	ACCOUNTING 2
070131	ACCOUNTING, COLLEGE
070141	BOOKKEEPING AND ACCOUNTING 1
070142	BOOKKEEPING AND ACCOUNTING 2
070151	RECORDKEEPING 1
070152	RECORDKEEPING 2
070153	PERSONAL RECORDKEEPING
070161	OFFICE MACHINES
070162	OFFICE MACHINES, VOCATIONAL
070200	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER
070201	BANKING & FINANCIAL CAREERS
070211	BANK TELLER
070221	FINANCIAL MATHEMATICS
070231	BANK PROOF OPERATOR
070241	BANK DATA ENTRY OCCUPATIONS
070251	BANKING AND FINANCIAL CAREERS - COOPERATIVE EDUCATION
070341	KEY PUNCH OPERATOR
070351	DATA ENTRY OPERATOR 1
070352	DATA ENTRY OPERATOR 2
070371	PERIPHERAL COMPUTER OPERATOR

070600	SECRETARIAL AND RELATED PROGRAMS, OTHER
070611	SHORTHAND 1
070612	SHORTHAND 2
070621	TRANSCRIPTION
070631	SECRETARIAL ADMINISTRATION 1
070632	SECRETARIAL ADMINISTRATION 2
070641	WORD PROCESSING 1
070642	WORD PROCESSING 2
070643	WORD PROCESSING 3
070651	REPROGRAPHICS
070661	LEGAL OFFICE PROCEDURES
070662	COURT REPORTER
070671	MEDICAL OFFICE PROCEDURES
070681	LEGAL/MEDICAL OFFICE PROCEDURES
070700	TYPING, GENERAL OFFICE, AND RELATED PROGRAMS,OTHER
070712	TYPEWRITING 2
070713	TYPEWRITING 3
070731	OFFICE PROCEDURES 1
070732	OFFICE PROCEDURES 2
070733	SIMULATED OFFICE
070741	OFFICE EDUCATION 1, COOPERATIVE
070742	OFFICE EDUCATION 2, COOPERATIVE
079900	BUSINESS AND OFFICE, OTHER
080100	APPAREL AND ACCESSORIES MARKETING, OTHER
080111	FASHION MERCHANDISING
080121	FASHION DESIGN AND ILLUSTRATION
080131	FASHION MERCHANDISING - COOPERATIVE EDUCATION 1
080132	FASHION MERCHANDISING - COOPERATIVE EDUCATION 2
080200	BUSINESS AND PERSONAL SERVICES MARKETING, OTHER
080300	ENTREPRENEURSHIP, OTHER
080311	STARTING YOUR OWN BUSINESS
080400	FINANCIAL SERVICES MARKETING, OTHER
080500	FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER
080511	FLORAL SALES
080600	FOOD MARKETING, OTHER
080611	FOOD MARKETING/DISTRIBUTION - OVERVIEW

080612	GROCERY MANAGEMENT
080621	FOOD MARKETING - COOPERATIVE EDUCATION 1
080700	GENERAL MARKETING, OTHER
080711	DISTRIBUTIVE EDUCATION 1
080712	DISTRIBUTIVE EDUCATION 2
080713	DISTRIBUTIVE EDUCATION 3
080721	DISTRIBUTIVE EDUCATION 1, COOPERATIVE
080722	DISTRIBUTIVE EDUCATION 2, COOPERATIVE
080731	SALESMANSHIP
080741	RETAIL LEARNING LABORATORY
080751	CASHIER CHECKER TRAINING
080761	WAREHOUSING INDUSTRIAL AND WHOLESALE MATERIAL HANDLING
080771	DISTRIBUTIVE EDUCATION, INDEPENDENT STUDY
080781	TELEPHONE SERVICE REPRESENTATIVE
080782	TELEPHONE DIRECTORY ASSISTANT
080800	HOME AND OFFICE PRODUCTS MARKETING, OTHER
080811	COMPUTER SALES REPRESENTATIVE
080900	HOSPITALITY AND RECREATION MARKETING, OTHER
080911	ORIENTATION TO HOSPITALITY CAREERS
080921	HOSPITALITY SALES 1
080922	HOSPITALITY SALES 2
081000	INSURANCE MARKETING, OTHER
081100	TRANSPORTATION AND TRAVEL MARKETING, OTHER
081111	TOURISM SERVICES
081121	ENTERTAINMENT PARK/TOURISM - COOPERATIVE EDUCATION
081200	VEHICLES AND PETROLEUM MARKETING, OTHER
081211	AUTO PARTS MERCHANDISING
081221	AUTOMOTIVE PROFESSIONAL TRAINING
089900	MARKETING AND DISTRIBUTION, OTHER
090200	ADVERTISING, OTHER
090211	ADVERTISING
100100	COMMUNICATION TECHNOLOGIES, OTHER
100141	BROADCAST MANAGEMENT 1
100142	BROADCAST MANAGEMENT 2
100143	BROADCASTING PRACTICUM

100161	RADIO PRODUCTION
100171	TELEVISION PRODUCTION 1
100172	TELEVISION PRODUCTION 2
100173	TELEVISION PRODUCTION 3
100174	TELEVISION PRODUCTION 4
100181	CABLE TELEVISION
100191	RADIO/TELEVISION PRODUCTION 1
100192	RADIO/TELEVISION PRODUCTION 2
120100	DRYCLEANING AND LAUNDERING SERVICES, OTHER
120111	DRY CLEANING 1
120112	DRY CLEANING 2
120200	ENTERTAINMENT SERVICES, OTHER
120300	FUNERAL SERVICES, OTHER
120400	PERSONAL SERVICES, OTHER
120412	COSMETOLOGY 2
120413	COSMETOLOGY 3
120414	COSMETOLOGY - COOPERATIVE EDUCATION 2
120415	COSMETOLOGY - COOPERATIVE EDUCATION 2
120421	BARBERING 1
120422	BARBERING 2
120423	BARBERING 3
120431	PERSONAL SERVICES OCCUPATIONS
120511	GENERAL SERVICES OCCUPATIONS 1
120512	GENERAL SERVICES OCCUPATIONS 2
120513	GENERAL SERVICES OCCUPATIONS 3
120514	GENERAL SERVICES OCCUPATIONS 4
120521	BUILDING & GROUNDS MAINTENANCE OCCUPATIONS 1
120522	BUILDING & GROUNDS MAINTENANCE OCCUPATIONS 2
120531	INDUSTRIAL MAINTENANCE/MECHANICS 1
120532	INDUSTRIAL MAINTENANCE/MECHANICS 2
129900	CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER
150100	ARCHITECTURAL TECHNOLOGIES, OTHER
150111	STRUCTURAL ENGINEERING TECHNICIAN
150200	CIVIL TECHNOLOGIES, OTHER
150211	SURVEYING
150221	CIVIL ENGINEERING TECHNICIAN
150300	ELECTRICAL AND ELECTRONIC TECHNOLOGIES, OTHER
150311	AUDIO ELECTRONICS

150321	ELECTRICAL TECHNOLOGY
150331	ELECTRONIC TECHNOLOGY 1
150332	ELECTRONIC TECHNOLOGY 2
150333	ELECTRONICS FABRICATION
150341	ELECTRICAL/ELECTRONICS ENGINEERING TECHNICIAN
150400	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE
150411	ELECTROMECHANICAL TECHNOLOGY 1
150412	ELECTROMECHANICAL TECHNOLOGY 2
150421	INSTRUMENTATION TECHNOLOGY
150500	ENVIRONMENTAL CONTROL TECHNOLOGIES, OTHER
150511	ENVIRONMENTAL CONTROL TECHNOLOGIES
150600	INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER
150601	INDUSTRIAL RESEARCH & DEVELOPMENT
150611	INDUSTRIAL PRODUCTION TECHNOLOGY 1
150612	INDUSTRIAL PRODUCTION TECHNOLOGY 2
150621	CHEMICAL MANUFACTURING TECHNOLOGY
150631	OPTICS TECHNOLOGY
150700	QUALITY CONTROL AND SAFETY TECHNOLOGIES, OTHER
150711	QUALITY CONTROL TECHNOLOGY
150800	MECHANICAL AND RELATED TECHNOLOGIES, OTHER
150811	AUTOMOTIVE DESIGN & TECHNOLOGY
150821	MECHANICAL ENGINEERING TECHNOLOGY
150900	MINING AND PETROLEUM TECHNOLOGIES, OTHER
150911	MINING TECHNOLOGY
150921	PETROLEUM TECHNOLOGY
159900	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER
170100	DENTAL SERVICES, OTHER
170111	DENTAL ASSISTANT 1
170112	DENTAL ASSISTANT 2
170121	DENTAL ASSISTANT, COOPERATIVE
170131	DENTAL TECHNOLOGY 1
170132	DENTAL TECHNOLOGY 2
170200	DIAGNOSTIC AND TREATMENT SERVICES, OTHER
170211	FIRST AID
170221	EKG TECHNICIAN
170300	MEDICAL LABORATORY TECHNOLOGIES, OTHER
170311	LABORATORY PROGRAM 1
170312	LABORATORY PROGRAM 2
170321	CHEMICAL TECHNOLOGY 1
170322	CHEMICAL TECHNOLOGY 2
170400	MENTAL HEALTH/HUMAN SERVICES, OTHER
170411	HOME HEALTH AIDE
170421	COMMUNITY HEALTH
170431	MENTAL HEALTH WORKER
170500	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER
170511	HEALTH OCCUPATIONS 1
170521	HEALTH OCCUPATIONS 2
170522	CENTRAL SERVICE TECHNICIAN
170531	MEDICAL TERMINOLOGY
170541	MEDICAL RECORDS SECRETARY
170551	MEDICAL ASSISTING
170561	SPORTS MEDICINE
170571	VETERINARY SCIENCE
170581	CHEMISTRY FOR HEALTH SCIENCE
170591	HEALTH OCCUPATIONS, INDEPENDENT STUDY
170592	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 1
170593	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 2
170600	NURSING-RELATED SERVICES, OTHER
170621	NURSING, PRACTICAL
170631	NURSE'S AIDE AND ORDERLY
170641	NURSE'S AIDE, COOPERATIVE
170651	NURSE'S MATHEMATICS
170700	OPHTHALMIC SERVICES, OTHER
170711	OPTICAL SERVICES ASSISTANT
170800	REHABILITATION SERVICES, OTHER
179900	ALLIED HEALTH, OTHER
190100	HOME ECONOMICS, OTHER GENERAL
190200	BUSINESS HOME ECONOMICS, OTHER
190300	FAMILY AND COMMUNITY SERVICES, OTHER
190400	FAMILY/CONSUMER RESOURCE MANAGEMENT, OTHER
190500	FOOD SCIENCES AND HUMAN NUTRITION, OTHER
190600	HUMAN ENVIRONMENT AND HOUSING, OTHER

190700	INDIVIDUAL AND FAMILY DEVELOPMENT, OTHER
190800	INTERNATIONAL/COMPARATIVE HOME ECONOMICS, OTHER
190900	TEXTILES AND CLOTHING, OTHER
199900	HOME ECONOMICS, OTHER
200193	HOME ECONOMICS - COOPERATIVE EDUCATION 1
200194	HOME ECONOMICS - COOPERATIVE EDUCATION 2
200200	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER
200211	CHILD CARE SERVICES
200221	CHILD CARE AIDE
200231	CHILD CARE MANAGEMENT
200241	FOSTER CARE AND FAMILY CARE
200251	TEACHER AIDE/ELEMENTARY
200252	TEACHER AIDE/SECONDARY
200261	CHILD CARE - COOPERATIVE EDUCATION 1
200262	CHILD CARE - COOPERATIVE EDUCATION 2
200300	CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
200311	CLOTHING OCCUPATIONS 1
200312	CLOTHING OCCUPATIONS 2
200313	CLOTHING OCCUPATIONS 3
200314	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION I
200315	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 2
200321	CLOTHING MAINTENANCE AIDE
200331	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION
200341	CUSTOM APPAREL CONSTRUCTION
200351	CUSTOM TAILORING AND ALTERATION
200361	WEDDING AND SPECIALTY CONSULTING
200371	FASHION AND FABRIC COORDINATION
200381	TEXTILES TESTING
200391	CLOTHING PRODUCTION MANAGEMENT
200400	FOOD PRODUCTION, MANAGEMENT AND SERVICES, OTHER
200411	FOOD SERVICE TRAINING
200412	FOOD SERVICE TRAINING 2
200413	FOOD SERVICES/RESTAURANT MANAGEMENT
200421	FOOD SERVICE COOPERATIVE TRAINING
200431	BAKING
200441	CHEF
200451	CATERING
200461	DIETETIC AIDE
200471	FOOD TESTING
200481	SCHOOL FOOD SERVICE
200500	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
200511	HOUSING AND INTERIOR DESIGN 1
200512	HOUSING AND INTERIOR DESIGN 2
200513	INTERIOR DESIGN OCCUPATIONS
200521	FLORAL DESIGN
200531	HOME DECORATING
200541	HOME FURNISHINGS AIDE
200551	CUSTOM DRAPERY AND WINDOW TREATMENT DESIGN
200561	CUSTOM SLIPCOVERING AND UPHOLSTERING
200571	HOME-SERVICE ASSISTING 1
200572	HOME SERVICE ASSISTING 2
200573	HOME SERVICE ASST - COOPERATIVE EDUCATION 1
200574	HOME SERVICE ASST - COOPERATIVE EDUCATION 2
200600	INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER
200611	CUSTODIAL SERVICES
200621	EXECUTIVE HOUSEKEEPING
200631	HOMEMAKER'S AIDE
200641	COMPANION TO THE AGED
200642	GERIATRICS 2
200643	GERIATRICS - COOPERATIVE EDUCATION 1
200644	GERIATRICS - COOPERATIVE EDUCATION 2
200651	CONSUMER AIDE
200661	THERAPEUTIC RECREATION AIDE
200671	INSTITUTIONAL, HOME MANAGEMENT SUPPORT SERVICES - COOPERATIVE EDUCATION
209900	VOCATIONAL HOME ECONOMICS, OTHER
210110	INDUSTRIAL OCCUPATIONS 2
210111	INDUSTRIAL COOPERATIVE WORK EXPERIENCE

210112	INDUSTRIAL COOPERATIVE WORK EXPERIENCE, ADVANCED
210121	MACHINE SHOP 1
210122	MACHINE SHOP 2
210123	MACHINE SHOP 3
210124	MACHINE SHOP 4
210125	INDUSTRIAL EDUCATION MANAGEMENT TRAINEE
210130	ELECTRICITY - COOPERATIVE EDUCATION 1
210131	ELECTRICITY - COOPERATIVE EDUCATION 2
210140	ELECTRONICS - COOPERATIVE EDUCATION 1
210141	ELECTRONICS - COOPERATIVE EDUCATION 2
210150	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 1
210151	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 2
310100	PARKS AND RECREATION, OTHER GENERAL
310111	RECREATION AIDE
310121	SEARCH AND RESCUE
310200	OUTDOOR RECREATION, OTHER
310211	WINTER/SKI RESORT OPERATION
310300	PARKS AND RECREATION MANAGEMENT, OTHER
310400	WATER RESOURCES, OTHER
319900	PARKS AND RECREATION, OTHER
320106	COOPERATIVE EDUCATION 1
320107	COOPERATIVE EDUCATION 2
320121	OFF-CAMPUS VO TECH TRAINING - UNSPECIFIED
430100	CRIMINAL JUSTICE, OTHER
430111	LAW ENFORCEMENT
430121	LAW SCIENCE
430200	FIRE PROTECTION, OTHER
430211	FIRE FIGHTING PRACTICES
430221	FIRE SAFETY EDUCATION
430311	SECURITY GUARD
439900	PROTECTIVE SERVICES, OTHER
460100	BRICKMASONRY, STONEMASONRY, AND TILE SETTING,OTHER
460111	MASONRY 1
460112	MASONRY 2
460113	MASONRY 3
460121	TILE SETTING AND PLASTERING
460131	CONCRETE TECHNICIAN
460200	CARPENTRY, OTHER
460211	CARPENTRY 1
460212	CARPENTRY 2
460213	CARPENTRY 3
460300	ELECTRICAL AND POWER TRANSMISSION INSTALLATION,
460311	HOUSEWIRING 1
460312	HOUSEWIRING 2
460321	ELECTRIC POWER AND COMMUNICATIONS LINEWORKER
460400	MISCELLANEOUS CONSTRUCTION TRADES, OTHER
460411	BUILDING CONSTRUCTION 1
460412	BUILDING CONSTRUCTION 2
460413	BUILDING CONSTRUCTION 3
460421	PAINTING AND DECORATING
460422	FLOORING INSTALLATION
460431	BUILDING MAINTENANCE
460451	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 1
460452	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 2
460500	PLUMBING, PIPEFITTING, AND STEAMFITTING, OTHER
460511	PLUMBING 1
460512	PLUMBING 2
469900	CONSTRUCTION TRADES, OTHER
470100	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER
470111	SMALL APPLIANCE REPAIR
470121	RADIO AND TV REPAIR 1
470122	RADIO AND TV REPAIR 2
470123	RADIO AND TV REPAIR 3
470124	TELECOMMUNICATIONS TECHNICIAN
470131	APPLIANCE REPAIR 1
470132	APPLIANCE REPAIR 2
470141	VENDING MACHINE REPAIR
470151	BUSINESS MACHINE REPAIR
470161	INDUSTRIAL ELECTRICITY
470171	INDUSTRIAL ELECTRONICS
470181	FOOD PROCESSING MACHINE MAINTENANCE TECHNICIAN/ REPAIR

470200	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER
470211	AIR CONDITIONING, REFRIGERATION, AND HEATING
470212	AIR CONDITIONING, REFRIGERATION, AND HEATING, ADVANCED
470213	AIR CONDITIONING, REFRIGERATION AND HEATING 3
470300	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER
470311	INDUSTRIAL MECHANICS 1
470312	INDUSTRIAL MECHANICS 2
470321	DIESEL MECHANICS
470331	INDUSTRIAL MAINTENANCE MECHANICS 1
470332	INDUSTRIAL MAINTENANCE MECHANICS 2
470341	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 1
470342	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 2
470400	MISCELLANEOUS MECHANICS AND REPAIRERS, OTHER
470411	MUSICAL INSTRUMENT REPAIR
470421	INSTRUMENT MAINTENANCE AND REPAIR
470431	SHOE REPAIR AND ORTHOPEDICS 1
470432	SHOE REPAIR AND ORTHOPEDICS 2
470433	WATCH AND CLOCK REPAIR
470434	BICYCLE REPAIR
470500	STATIONARY ENERGY SOURCES, OTHER
470511	POWER MECHANICS 1
470512	POWER MECHANICS 2
470513	POWER MECHANICS 3
470514	POWER MECHANICS 4
470521	HYDRAULICS AND PNEUMATICS
470600	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND
470611	SMALL ENGINE REPAIR 1
470612	SMALL ENGINE REPAIR 2
470622	AUTO MECHANICS 2
470623	AUTO MECHANICS 3
470624	AUTO MECHANICS - COOPERATIVE EDUCATION 1
470625	AUTO MECHANICS - COOPERATIVE EDUCATION 2
470631	AUTO BODY 1
470632	AUTO BODY 2
470633	AUTO BODY 3
470641	AUTO SERVICE 1
470642	AUTO SERVICE 2
470661	AIRFRAMES 1
470662	AIRFRAMES 2
470671	AVIATION POWERPLANT 1
470672	AVIATION POWERPLANT 2
470673	AVIATION POWERPLANT 3
470674	AVIATION POWERPLANT 4
470681	AVIATION QUALITY CONTROL 1
470682	AVIATION QUALITY CONTROL 2
470691	AIRCRAFT SHEETMETAL 1
470692	AIRCRAFT SHEETMETAL 2
479900	MECHANICS AND REPAIRERS, OTHER
480100	DRAFTING, OTHER
480112	MECHANICAL DRAWING 2
480113	MECHANICAL DRAWING 3
480114	MECHANICAL DRAWING 4
480121	ARCHITECTURAL DRAWING 1
480122	ARCHITECTURAL DRAWING 2
480123	ARCHITECTURAL DRAWING 3
480124	ARCHITECTURAL DRAWING 4
480131	ENGINEERING DRAWING 1
480132	ENGINEERING DRAWING 2
480141	BLUEPRINT READING
480151	DRAFTING 1, COOPERATIVE
480152	DRAFTING 2, COOPERATIVE
480200	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER
480211	COMMERCIAL ART 1
480212	COMMERCIAL ART 2
480213	COMMERCIAL ART, COOPERATIVE
480214	COMMERCIAL ART 3
480221	GRAPHIC ARTS 1
480222	GRAPHIC ARTS 2
480223	GRAPHIC ARTS 3
480224	GRAPHIC ARTS 4
480231	SIGN PAINTING 1
480232	SIGN PAINTING 2
480233	SIGN PAINTING 3
480241	BINDERY

480251	ELECTRONIC COMPOSITION
480261	COPY EDITING
480300	LEATHERWORKING AND UPHOLSTERING, OTHER
480312	LEATHERWORK 2
480321	UPHOLSTERY
480322	UPHOLSTERY, ADVANCED
480331	AUTO UPHOLSTERY
480400	PRECISION FOOD PRODUCTION, OTHER
480411	MEATCUTTING 1
480412	MEATCUTTING 2
480500	PRECISION METAL WORK, OTHER
480512	METAL 2
480513	METAL 3
480514	METAL 4
480521	WELDING 1
480522	WELDING 2
480523	WELDING 3
480524	WELDING - COOPERATIVE EDUCATION
480531	SHEET METAL 1
480532	SHEET METAL 2
480541	METAL RESTORATION
480551	FOUNDRY 1
480552	FOUNDRY 2
480600	PRECISION WORK, ASSORTED MATERIALS, OTHER
480611	PLASTICS 1
480612	PLASTICS 2
480621	SPACE AGE PLASTICS
480700	WOODWORKING, OTHER
480712	WOODWORKING 2
480713	WOODWORKING 3
480714	WOODWORKING 4
480721	FURNITURE REFINISHING
480731	CABINETMAKING 1
480732	CABINETMAKING 2
489900	PRECISION PRODUCTION, OTHER
490121	AVIATION TECHNOLOGY 1
490122	AVIATION TECHNOLOGY 2
490123	AVIATION TECHNOLOGY 3
490124	AVIATION TECHNOLOGY 4
490131	AIR TRAVEL SERVICE OCCUPATIONS
490141	AIRCRAFT PARTS MANAGEMENT 1
490142	AIRCRAFT PARTS MANAGEMENT 2
490200	VEHICLE AND EQUIPMENT OPERATION, OTHER
490211	FORKLIFT OPERATOR
490212	TRACTOR-TRAILER TRUCK DRIVING
490213	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT
490214	BUS DRIVER/CHAUFFEUR
490300	WATER TRANSPORTATION, OTHER
490311	MARINE MECHANICS, BASIC
490312	MARINE MECHANICS, ADVANCED
490321	BOAT BUILDING
490331	NAVIGATION
490341	AQUATIC OCCUPATIONS
490411	INTRODUCTION TO TRANSPORTATION INDUSTRY
490412	TRANSPORTATION TECHNOLOGY 2
490421	TRANSPORTATION/TRAFFIC TECHNICIAN
499900	TRANSPORTATION AND MATERIAL MOVING, OTHER

STUB: GENERAL INTRODUCTORY

CSSC CODE	TITLE
010111	AGRIBUSINESS, INTRODUCTION
010311	AGRICULTURAL PRODUCTION, GENERAL
020111	AGRICULTURAL SCIENCES, GENERAL
060100	BUSINESS AND MANAGEMENT, OTHER GENERAL
060111	BUSINESS INTRODUCTION
060121	BUSINESS LAW
060131	BUSINESS, INDEPENDENT STUDY
060300	BANKING AND FINANCE, OTHER
060311	FINANCIAL CAREERS
080711	DISTRIBUTIVE EDUCATION 1
170511	HEALTH OCCUPATIONS 1
320106	COOPERATIVE EDUCATION 1
320107	COOPERATIVE EDUCATION 2

STUB: AGRICULTURE

CSSC CODE	TITLE
010100	AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER
010121	AGRICULTURAL BUSINESS OPERATION
010131	FARM AND RANCH MANAGEMENT
010141	STATE AND COMMUNITY AGRICULTURE
010151	AGRICULTURAL MATHEMATICS
010161	AGRICULTURAL MICROPROCESSING
010171	AGRICULTURE COOPERATIVES
010172	AGRICULTURAL COOPERATIVE EDUCATION II
010181	AGRICULTURE, INDEPENDENT STUDY
010182	SOEP - SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM
010200	AGRICULTURAL MECHANICS, OTHER
010211	AGRICULTURAL MECHANICS, GENERAL
010212	AGRICULTURAL MECHANICS 2
010213	AGRICULTURAL MECHANICS 3
010214	AGRICULTURAL MECHANICS 4
010221	WELDING, AGRICULTURAL
010231	POWER AND MACHINERY, AGRICULTURAL
010241	FARM CONSTRUCTION
010251	ELECTRICITY AND ELECTRONICS, AGRICULTURAL
010261	SOIL AND WATER MECHANICAL PRACTICES
010271	SURVEYING, AGRICULTURAL
010300	AGRICULTURAL PRODUCTION, OTHER
010312	AGRICULTURE TECHNOLOGY 1
010313	AGRICULTURE TECHNOLOGY 2
010321	ANIMAL PRODUCTION
010331	CROP PRODUCTION
010400	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER
010411	AGRICULTURAL PRODUCTS AND PROCESSING I
010412	AGRICULTURAL PRODUCTS AND PROCESSING II
010421	AGRICULTURAL PRODUCTS AND PROCESSING - COOPERATIVE EDUCATION
010500	AGRICULTURAL SERVICES AND SUPPLIES, OTHER
010511	AGRICULTURAL SUPPLIES MARKETING

010521	ANIMAL GROOMING
010600	HORTICULTURE, OTHER
010611	HORTICULTURE
010621	FLORICULTURE
010631	LANDSCAPING
010632	LANDSCAPING, ADVANCED
010641	GREENHOUSE MANAGEMENT
010651	NURSERY OPERATIONS AND MANAGEMENT
010661	HORTICULTURE POWER EQUIPMENT OPERATION AND MAINTENANCE
010662	HORTICULTURAL MECHANICS II
010671	TURF MANAGEMENT
010681	FRUIT AND VEGETABLE PRODUCTION
010700	INTERNATIONAL AGRICULTURE, OTHER
019900	AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER
020100	AGRICULTURAL SCIENCES, OTHER GENERAL
020121	AGRICULTURAL OCCUPATIONS 1
020122	AGRICULTURAL OCCUPATIONS 2
020123	AGRICULTURAL OCCUPATIONS 3
020124	AGRICULTURAL OCCUPATIONS 4
020200	ANIMAL SCIENCES, OTHER
020211	ANIMAL SCIENCES 1
020212	ANIMAL SCIENCES 2
020221	LIVESTOCK 9
020222	LIVESTOCK 10
020231	POULTRY
020241	DAIRY PRODUCTION
020251	NUTRITION AND FEEDS
020261	HORSE PRODUCTION
020262	HORSESHOEING/FARRIER TRAINING
020271	SMALL ANIMAL PRODUCTION 1
020272	SMALL ANIMAL PRODUCTION 2
020281	FISH PRODUCTION
020300	FOOD SCIENCES, OTHER
020400	PLANT SCIENCES, OTHER
020411	AGRONOMY
020421	ORNAMENTAL HORTICULTURE 1
020422	ORNAMENTAL HORTICULTURE 2
020423	ORNAMENTAL HORTICULTURE 3
020500	SOIL SCIENCES, OTHER
020511	SOIL SCIENCES, GENERAL
020521	FERTILIZERS AND CHEMICALS
029900	AGRICULTURAL SCIENCES, OTHER
030100	RENEWABLE NATURAL RESOURCES, OTHER GENERAL
030200	CONSERVATION AND REGULATION, OTHER
030211	CONSERVATION AND REGULATION
030212	ENVIRONMENTAL MANAGEMENT 1
030213	ENVIRONMENTAL MANAGEMENT 2
030221	ENVIRONMENTAL MANAGEMENT - COOPERATIVE EDUCATION
030300	FISHING AND FISHERIES, OTHER
030311	WATERMAN OCCUPATIONS
030400	FORESTRY PRODUCTION AND PROCESSING, OTHER
030500	FORESTRY AND RELATED SCIENCES, OTHER
030511	FORESTRY SCIENCE 1
030512	FORESTRY SCIENCE 2
030521	FORESTRY OCCUPATIONS - WORK EXPERIENCE
030600	WILDLIFE MANAGEMENT, OTHER
030611	WILDLIFE MANAGEMENT
030621	RURAL RECREATION
039900	RENEWABLE NATURAL RESOURCES, OTHER

STUB: BUSINESS

CSSC CODE	TITLE
060141	BUSINESS EDUCATION, COOPERATIVE
060200	ACCOUNTING, OTHER
060211	ACCOUNTING/BUSINESS MANAGEMENT CAREERS - INTEGRATED CURRICULUM
060331	CONSUMER LENDING
060400	BUSINESS ADMINISTRATION AND MANAGEMENT, OTHER
060411	BUSINESS ORGANIZATION AND MANAGEMENT
061000	INVESTMENTS AND SECURITIES, OTHER
061011	INVESTMENTS AND TAXATION
061800	SMALL BUSINESS MANAGEMENT AND OWNERSHIP, OTHER
061811	SMALL BUSINESS MANAGEMENT
061900	TAXATION, OTHER
070100	ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, OTHER
070111	BOOKKEEPING 1
070112	BOOKKEEPING 2
070121	ACCOUNTING 1
070122	ACCOUNTING 2
070131	ACCOUNTING, COLLEGE
070141	BOOKKEEPING AND ACCOUNTING 1
070142	BOOKKEEPING AND ACCOUNTING 2
070151	RECORDKEEPING 1
070152	RECORDKEEPING 2
070153	PERSONAL RECORDKEEPING
070161	OFFICE MACHINES
070162	OFFICE MACHINES, VOCATIONAL
070200	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER
070201	BANKING & FINANCIAL CAREERS
070211	BANK TELLER
070221	FINANCIAL MATHEMATICS
070231	BANK PROOF OPERATOR
070241	BANK DATA ENTRY OCCUPATIONS
070251	BANKING AND FINANCIAL CAREERS - COOPERATIVE EDUCATION
070341	KEY PUNCH OPERATOR
070351	DATA ENTRY OPERATOR 1
070352	DATA ENTRY OPERATOR 2
070371	PERIPHERAL COMPUTER OPERATOR
070600	SECRETARIAL AND RELATED PROGRAMS, OTHER
070611	SHORTHAND 1
070612	SHORTHAND 2
070621	TRANSCRIPTION
070631	SECRETARIAL ADMINISTRATION 1
070632	SECRETARIAL ADMINISTRATION 2
070641	WORD PROCESSING 1
070642	WORD PROCESSING 2
070643	WORD PROCESSING 3
070651	REPROGRAPHICS
070661	LEGAL OFFICE PROCEDURES
070662	COURT REPORTER
070671	MEDICAL OFFICE PROCEDURES
070681	LEGAL/MEDICAL OFFICE PROCEDURES
070700	TYPING, GENERAL OFFICE, AND RELATED PROGRAMS,OTHER
070712	TYPEWRITING 2
070713	TYPEWRITING 3
070731	OFFICE PROCEDURES 1
070732	OFFICE PROCEDURES 2
070733	SIMULATED OFFICE
070741	OFFICE EDUCATION 1, COOPERATIVE
070742	OFFICE EDUCATION 2, COOPERATIVE
079900	BUSINESS AND OFFICE, OTHER

STUB: MARKETING AND DISTRIBUTION

CSSC CODE	TITLE
060321	REAL ESTATE FINANCE
060700	INSTITUTIONAL MANAGEMENT, OTHER
060711	HOTEL AND MOTEL MANAGEMENT
060712	HOTEL AND MOTEL TRAINING
060800	INSURANCE AND RISK MANAGEMENT, OTHER
060811	INSURANCE CAREERS
061400	MARKETING MANAGEMENT AND RESEARCH, OTHER
061411	MARKETING MANAGEMENT AND DECISION MAKING
061700	REAL ESTATE, OTHER
061711	REAL ESTATE MARKETING
080100	APPAREL AND ACCESSORIES MARKETING, OTHER
080111	FASHION MERCHANDISING
080121	FASHION DESIGN AND ILLUSTRATION
080131	FASHION MERCHANDISING - COOPERATIVE EDUCATION 1
080132	FASHION MERCHANDISING - COOPERATIVE EDUCATION 2
080200	BUSINESS AND PERSONAL SERVICES MARKETING, OTHER
080300	ENTREPRENEURSHIP, OTHER
080311	STARTING YOUR OWN BUSINESS
080400	FINANCIAL SERVICES MARKETING, OTHER
080500	FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER
080511	FLORAL SALES
080600	FOOD MARKETING, OTHER
080611	FOOD MARKETING/DISTRIBUTION - OVERVIEW
080612	GROCERY MANAGEMENT
080621	FOOD MARKETING - COOPERATIVE EDUCATION 1
080700	GENERAL MARKETING, OTHER
080712	DISTRIBUTIVE EDUCATION 2
080713	DISTRIBUTIVE EDUCATION 3
080721	DISTRIBUTIVE EDUCATION 1, COOPERATIVE
080722	DISTRIBUTIVE EDUCATION 2, COOPERATIVE
080731	SALESMANSHIP
080741	RETAIL LEARNING LABORATORY
080751	CASHIER CHECKER TRAINING
080761	WAREHOUSING INDUSTRIAL AND WHOLESALE MATERIAL HANDLING
080771	DISTRIBUTIVE EDUCATION, INDEPENDENT STUDY
080800	HOME AND OFFICE PRODUCTS MARKETING, OTHER
080811	COMPUTER SALES REPRESENTATIVE
080900	HOSPITALITY AND RECREATION MARKETING, OTHER
080911	ORIENTATION TO HOSPITALITY CAREERS
080921	HOSPITALITY SALES 1
080922	HOSPITALITY SALES 2
081000	INSURANCE MARKETING, OTHER
081100	TRANSPORTATION AND TRAVEL MARKETING, OTHER
081111	TOURISM SERVICES
081121	ENTERTAINMENT PARK/TOURISM - COOPERATIVE EDUCATION
081200	VEHICLES AND PETROLEUM MARKETING, OTHER
081211	AUTO PARTS MERCHANDISING
081221	AUTOMOTIVE PROFESSIONAL TRAINING
089900	MARKETING AND DISTRIBUTION, OTHER
090200	ADVERTISING, OTHER
090211	ADVERTISING
120200	ENTERTAINMENT SERVICES, OTHER
310100	PARKS AND RECREATION, OTHER GENERAL
310111	RECREATION AIDE
310121	SEARCH AND RESCUE
310200	OUTDOOR RECREATION, OTHER
310211	WINTER/SKI RESORT OPERATION
310300	PARKS AND RECREATION MANAGEMENT, OTHER
310400	WATER RESOURCES, OTHER
319900	PARKS AND RECREATION, OTHER

STUB: HEALTH AND HUMAN SERVICES

CSSC CODE	TITLE
120300	FUNERAL SERVICES, OTHER
170100	DENTAL SERVICES, OTHER
170111	DENTAL ASSISTANT 1
170112	DENTAL ASSISTANT 2
170121	DENTAL ASSISTANT, COOPERATIVE
170131	DENTAL TECHNOLOGY 1
170132	DENTAL TECHNOLOGY 2
170200	DIAGNOSTIC AND TREATMENT SERVICES, OTHER
170211	FIRST AID
170221	EKG TECHNICIAN
170311	LABORATORY PROGRAM 1
170312	LABORATORY PROGRAM 2
170400	MENTAL HEALTH/HUMAN SERVICES, OTHER
170411	HOME HEALTH AIDE
170421	COMMUNITY HEALTH
170431	MENTAL HEALTH WORKER
170500	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER
170521	HEALTH OCCUPATIONS 2
170522	CENTRAL SERVICE TECHNICIAN
170531	MEDICAL TERMINOLOGY
170541	MEDICAL RECORDS SECRETARY
170551	MEDICAL ASSISTING
170561	SPORTS MEDICINE
170571	VETERINARY SCIENCE
170581	CHEMISTRY FOR HEALTH SCIENCE
170591	HEALTH OCCUPATIONS, INDEPENDENT STUDY
170592	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 1
170593	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 2
170600	NURSING-RELATED SERVICES, OTHER
170621	NURSING, PRACTICAL
170631	NURSE'S AIDE AND ORDERLY
170641	NURSE'S AIDE, COOPERATIVE
170651	NURSE'S MATHEMATICS
170700	OPHTHALMIC SERVICES, OTHER
170711	OPTICAL SERVICES ASSISTANT
170800	REHABILITATION SERVICES, OTHER
179900	ALLIED HEALTH, OTHER
430100	CRIMINAL JUSTICE, OTHER
430111	LAW ENFORCEMENT
430121	LAW SCIENCE
430200	FIRE PROTECTION, OTHER
430211	FIRE FIGHTING PRACTICES
430221	FIRE SAFETY EDUCATION
430311	SECURITY GUARD
439900	PROTECTIVE SERVICES, OTHER

STUB: OCCUPATIONAL HOME ECONOMICS

CSSC CODE	TITLE
040500	INTERIOR DESIGN, OTHER
040511	INTERIOR DESIGN
190100	HOME ECONOMICS, OTHER GENERAL
190200	BUSINESS HOME ECONOMICS, OTHER
190300	FAMILY AND COMMUNITY SERVICES, OTHER
190400	FAMILY/CONSUMER RESOURCE MANAGEMENT, OTHER
190500	FOOD SCIENCES AND HUMAN NUTRITION, OTHER
190600	HUMAN ENVIRONMENT AND HOUSING, OTHER
190700	INDIVIDUAL AND FAMILY DEVELOPMENT, OTHER
190800	INTERNATIONAL/COMPARATIVE HOME ECONOMICS, OTHER
190900	TEXTILES AND CLOTHING, OTHER
199900	HOME ECONOMICS, OTHER
200193	HOME ECONOMICS - COOPERATIVE EDUCATION 1
200194	HOME ECONOMICS - COOPERATIVE EDUCATION 2
200200	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER
200211	CHILD CARE SERVICES
200221	CHILD CARE AIDE
200231	CHILD CARE MANAGEMENT
200241	FOSTER CARE AND FAMILY CARE
200251	TEACHER AIDE/ELEMENTARY
200252	TEACHER AIDE/SECONDARY
200261	CHILD CARE - COOPERATIVE EDUCATION 1
200262	CHILD CARE - COOPERATIVE EDUCATION 2
200300	CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
200311	CLOTHING OCCUPATIONS 1
200312	CLOTHING OCCUPATIONS 2
200313	CLOTHING OCCUPATIONS 3
200314	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 1
200315	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 2
200321	CLOTHING MAINTENANCE AIDE
200331	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION
200341	CUSTOM APPAREL CONSTRUCTION
200351	CUSTOM TAILORING AND ALTERATION
200361	WEDDING AND SPECIALTY CONSULTING
200371	FASHION AND FABRIC COORDINATION
200381	TEXTILES TESTING
200391	CLOTHING PRODUCTION MANAGEMENT
200400	FOOD PRODUCTION, MANAGEMENT AND SERVICES, OTHER
200411	FOOD SERVICE TRAINING
200412	FOOD SERVICE TRAINING 2
200413	FOOD SERVICES/RESTAURANT MANAGEMENT
200421	FOOD SERVICE COOPERATIVE TRAINING
200431	BAKING
200441	CHEF
200451	CATERING
200461	DIETETIC AIDE
200471	FOOD TESTING
200481	SCHOOL FOOD SERVICE
200500	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
200511	HOUSING AND INTERIOR DESIGN 1
200512	HOUSING AND INTERIOR DESIGN 2
200513	INTERIOR DESIGN OCCUPATIONS
200521	FLORAL DESIGN
200531	HOME DECORATING
200541	HOME FURNISHINGS AIDE
200551	CUSTOM DRAPERY AND WINDOW TREATMENT DESIGN
200561	CUSTOM SLIPCOVERING AND UPHOLSTERING
200571	HOME-SERVICE ASSISTING 1
200572	HOME SERVICE ASSISTING 2
200573	HOME SERVICE ASST - COOPERATIVE EDUCATION 1
200574	HOME SERVICE ASST - COOPERATIVE EDUCATION 2
200600	INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER

200611	CUSTODIAL SERVICES
200621	EXECUTIVE HOUSEKEEPING
200631	HOMEMAKER'S AIDE
200641	COMPANION TO THE AGED
200642	GERIATRICS 2
200643	GERIATRICS - COOPERATIVE EDUCATION 1
200644	GERIATRICS - COOPERATIVE EDUCATION 2
200651	CONSUMER AIDE
200661	THERAPEUTIC RECREATION AIDE
200671	INSTITUTIONAL, HOME MANAGEMENT SUPPORT SERVICES - COOPERATIVE EDUCATION
209900	VOCATIONAL HOME ECONOMICS, OTHER

STUB: TRADE AND INDUSTRY

CSSC CODE	TITLE
120100	DRYCLEANING AND LAUNDERING SERVICES, OTHER
120111	DRY CLEANING 1
120112	DRY CLEANING 2
120400	PERSONAL SERVICES, OTHER
120412	COSMETOLOGY 2
120413	COSMETOLOGY 3
120414	COSMETOLOGY - COOPERATIVE EDUCATION 2
120415	COSMETOLOGY - COOPERATIVE EDUCATION 2
120421	BARBERING 1
120422	BARBERING 2
120423	BARBERING 3
120431	PERSONAL SERVICES OCCUPATIONS
120511	GENERAL SERVICES OCCUPATIONS 1
120512	GENERAL SERVICES OCCUPATIONS 2
120513	GENERAL SERVICES OCCUPATIONS 3
120514	GENERAL SERVICES OCCUPATIONS 4
120521	BUILDING & GROUNDS MAINTENANCE OCCUPATIONS 1
120522	BUILDING & GROUNDS MAINTENANCE OCCUPATIONS 2
120531	INDUSTRIAL MAINTENANCE/MECHANICS 1
120532	INDUSTRIAL MAINTENANCE/MECHANICS 2
129900	CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER
150100	ARCHITECTURAL TECHNOLOGIES, OTHER
150111	STRUCTURAL ENGINEERING TECHNICIAN
150200	CIVIL TECHNOLOGIES, OTHER
150211	SURVEYING
150221	CIVIL ENGINEERING TECHNICIAN
150300	ELECTRICAL AND ELECTRONIC TECHNOLOGIES, OTHER
150311	AUDIO ELECTRONICS
150321	ELECTRICAL TECHNOLOGY
150331	ELECTRONIC TECHNOLOGY 1
150332	ELECTRONIC TECHNOLOGY 2
150333	ELECTRONICS FABRICATION

150341	ELECTRICAL/ELECTRONICS ENGINEERING TECHNICIAN
150400	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE
150411	ELECTROMECHANICAL TECHNOLOGY 1
150412	ELECTROMECHANICAL TECHNOLOGY 2
150421	INSTRUMENTATION TECHNOLOGY
150500	ENVIRONMENTAL CONTROL TECHNOLOGIES, OTHER
150511	ENVIRONMENTAL CONTROL TECHNOLOGIES
150600	INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER
150601	INDUSTRIAL RESEARCH & DEVELOPMENT
150611	INDUSTRIAL PRODUCTION TECHNOLOGY 1
150612	INDUSTRIAL PRODUCTION TECHNOLOGY 2
150631	OPTICS TECHNOLOGY
150700	QUALITY CONTROL AND SAFETY TECHNOLOGIES, OTHER
150711	QUALITY CONTROL TECHNOLOGY
150800	MECHANICAL AND RELATED TECHNOLOGIES, OTHER
150811	AUTOMOTIVE DESIGN & TECHNOLOGY
150821	MECHANICAL ENGINEERING TECHNOLOGY
150900	MINING AND PETROLEUM TECHNOLOGIES, OTHER
150911	MINING TECHNOLOGY
150921	PETROLEUM TECHNOLOGY
159900	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER
210110	INDUSTRIAL OCCUPATIONS 2
210111	INDUSTRIAL COOPERATIVE WORK EXPERIENCE
210112	INDUSTRIAL COOPERATIVE WORK EXPERIENCE, ADVANCED
210121	MACHINE SHOP 1
210122	MACHINE SHOP 2
210123	MACHINE SHOP 3
210124	MACHINE SHOP 4
210125	INDUSTRIAL EDUCATION MANAGEMENT TRAINEE
210130	ELECTRICITY - COOPERATIVE EDUCATION 1
210131	ELECTRICITY - COOPERATIVE EDUCATION 2
210140	ELECTRONICS - COOPERATIVE EDUCATION 1
210141	ELECTRONICS - COOPERATIVE EDUCATION 2

210150	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 1
210151	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 2
460100	BRICKMASONRY, STONEMASONRY, AND TILE SETTING,OTHER
460111	MASONRY 1
460112	MASONRY 2
460113	MASONRY 3
460121	TILE SETTING AND PLASTERING
460131	CONCRETE TECHNICIAN
460200	CARPENTRY, OTHER
460211	CARPENTRY 1
460212	CARPENTRY 2
460213	CARPENTRY 3
460300	ELECTRICAL AND POWER TRANSMISSION INSTALLATION,
460311	HOUSEWIRING 1
460312	HOUSEWIRING 2
460321	ELECTRIC POWER AND COMMUNICATIONS LINEWORKER
460400	MISCELLANEOUS CONSTRUCTION TRADES, OTHER
460411	BUILDING CONSTRUCTION 1
460412	BUILDING CONSTRUCTION 2
460413	BUILDING CONSTRUCTION 3
460421	PAINTING AND DECORATING
460422	FLOORING INSTALLATION
460431	BUILDING MAINTENANCE
460451	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 1
460452	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 2
460500	PLUMBING, PIPEFITTING, AND STEAMFITTING, OTHER
460511	PLUMBING 1
460512	PLUMBING 2
469900	CONSTRUCTION TRADES, OTHER
470100	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER
470111	SMALL APPLIANCE REPAIR
470121	RADIO AND TV REPAIR 1
470122	RADIO AND TV REPAIR 2

470123	RADIO AND TV REPAIR 3
470124	TELECOMMUNICATIONS TECHNICIAN
470131	APPLIANCE REPAIR 1
470132	APPLIANCE REPAIR 2
470141	VENDING MACHINE REPAIR
470151	BUSINESS MACHINE REPAIR
470161	INDUSTRIAL ELECTRICITY
470171	INDUSTRIAL ELECTRONICS
470181	FOOD PROCESSING MACHINE MAINTENANCE TECHNICIAN/ REPAIR
470200	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER
470211	AIR CONDITIONING, REFRIGERATION, AND HEATING
470212	AIR CONDITIONING, REFRIGERATION, AND HEATING, ADVANCED
470213	AIR CONDITIONING, REFRIGERATION AND HEATING 3
470300	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER
470311	INDUSTRIAL MECHANICS 1
470312	INDUSTRIAL MECHANICS 2
470321	DIESEL MECHANICS
470331	INDUSTRIAL MAINTENANCE MECHANICS 1
470332	INDUSTRIAL MAINTENANCE MECHANICS 2
470341	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 1
470342	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 2
470400	MISCELLANEOUS MECHANICS AND REPAIRERS, OTHER
470411	MUSICAL INSTRUMENT REPAIR
470421	INSTRUMENT MAINTENANCE AND REPAIR
470431	SHOE REPAIR AND ORTHOPEDICS 1
470432	SHOE REPAIR AND ORTHOPEDICS 2
470433	WATCH AND CLOCK REPAIR
470434	BICYCLE REPAIR
470500	STATIONARY ENERGY SOURCES, OTHER
470511	POWER MECHANICS 1
470512	POWER MECHANICS 2
470513	POWER MECHANICS 3
470514	POWER MECHANICS 4
470521	HYDRAULICS AND PNEUMATICS
470600	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND
470611	SMALL ENGINE REPAIR 1
470612	SMALL ENGINE REPAIR 2
470622	AUTO MECHANICS 2
470623	AUTO MECHANICS 3
470624	AUTO MECHANICS - COOPERATIVE EDUCATION 1
470625	AUTO MECHANICS - COOPERATIVE EDUCATION 2
470631	AUTO BODY 1
470632	AUTO BODY 2
470633	AUTO BODY 3
470641	AUTO SERVICE 1
470642	AUTO SERVICE 2
470661	AIRFRAMES 1
470662	AIRFRAMES 2
470671	AVIATION POWERPLANT 1
470672	AVIATION POWERPLANT 2
470673	AVIATION POWERPLANT 3
470674	AVIATION POWERPLANT 4
470681	AVIATION QUALITY CONTROL 1
470682	AVIATION QUALITY CONTROL 2
470691	AIRCRAFT SHEETMETAL 1
470692	AIRCRAFT SHEETMETAL 2
479900	MECHANICS AND REPAIRERS, OTHER
480100	DRAFTING, OTHER
480112	MECHANICAL DRAWING 2
480113	MECHANICAL DRAWING 3
480114	MECHANICAL DRAWING 4
480121	ARCHITECTURAL DRAWING 1
480122	ARCHITECTURAL DRAWING 2
480123	ARCHITECTURAL DRAWING 3
480124	ARCHITECTURAL DRAWING 4
480131	ENGINEERING DRAWING 1
480132	ENGINEERING DRAWING 2
480141	BLUEPRINT READING
480151	DRAFTING 1, COOPERATIVE
480152	DRAFTING 2, COOPERATIVE
480200	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER
480211	COMMERCIAL ART 1
480212	COMMERCIAL ART 2

480213	COMMERCIAL ART, COOPERATIVE
480214	COMMERCIAL ART 3
480221	GRAPHIC ARTS 1
480222	GRAPHIC ARTS 2
480223	GRAPHIC ARTS 3
480224	GRAPHIC ARTS 4
480231	SIGN PAINTING 1
480232	SIGN PAINTING 2
480233	SIGN PAINTING 3
480241	BINDERY
480251	ELECTRONIC COMPOSITION
480261	COPY EDITING
480300	LEATHERWORKING AND UPHOLSTERING, OTHER
480312	LEATHERWORK 2
480321	UPHOLSTERY
480322	UPHOLSTERY, ADVANCED
480331	AUTO UPHOLSTERY
480400	PRECISION FOOD PRODUCTION, OTHER
480411	MEATCUTTING 1
480412	MEATCUTTING 2
480500	PRECISION METAL WORK, OTHER
480512	METAL 2
480513	METAL 3
480514	METAL 4
480521	WELDING 1
480522	WELDING 2
480523	WELDING 3
480524	WELDING - COOPERATIVE EDUCATION
480531	SHEET METAL 1
480532	SHEET METAL 2
480541	METAL RESTORATION
480551	FOUNDRY 1
480552	FOUNDRY 2
480600	PRECISION WORK, ASSORTED MATERIALS, OTHER
480611	PLASTICS 1
480612	PLASTICS 2
480621	SPACE AGE PLASTICS
480700	WOODWORKING, OTHER
480712	WOODWORKING 2
480713	WOODWORKING 3
480714	WOODWORKING 4
480721	FURNITURE REFINISHING
480731	CABINETMAKING 1
480732	CABINETMAKING 2
489900	PRECISION PRODUCTION, OTHER
490121	AVIATION TECHNOLOGY 1
490122	AVIATION TECHNOLOGY 2
490123	AVIATION TECHNOLOGY 3
490124	AVIATION TECHNOLOGY 4
490131	AIR TRAVEL SERVICE OCCUPATIONS
490141	AIRCRAFT PARTS MANAGEMENT 1
490142	AIRCRAFT PARTS MANAGEMENT 2
490200	VEHICLE AND EQUIPMENT OPERATION, OTHER
490211	FORKLIFT OPERATOR
490212	TRACTOR-TRAILER TRUCK DRIVING
490213	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT
490214	BUS DRIVER/CHAUFFEUR
490300	WATER TRANSPORTATION, OTHER
490311	MARINE MECHANICS, BASIC
490312	MARINE MECHANICS, ADVANCED
490321	BOAT BUILDING
490331	NAVIGATION
490341	AQUATIC OCCUPATIONS
490411	INTRODUCTION TO TRANSPORTATION INDUSTRY
490412	TRANSPORTATION TECHNOLOGY 2
490421	TRANSPORTATION/TRAFFIC TECHNICIAN
499900	TRANSPORTATION AND MATERIAL MOVING, OTHER

STUB: TECHNICAL

CSSC CODE	TITLE
080781	TELEPHONE SERVICE REPRESENTATIVE
080782	TELEPHONE DIRECTORY ASSISTANT
100100	COMMUNICATION TECHNOLOGIES, OTHER
100141	BROADCAST MANAGEMENT 1
100142	BROADCAST MANAGEMENT 2
100143	BROADCASTING PRACTICUM
100161	RADIO PRODUCTION
100171	TELEVISION PRODUCTION 1
100172	TELEVISION PRODUCTION 2
100173	TELEVISION PRODUCTION 3
100174	TELEVISION PRODUCTION 4
100181	CABLE TELEVISION
100191	RADIO/TELEVISION PRODUCTION 1
100192	RADIO/TELEVISION PRODUCTION 2
150621	CHEMICAL MANUFACTURING TECHNOLOGY
170300	MEDICAL LABORATORY TECHNOLOGIES, OTHER
170321	CHEMICAL TECHNOLOGY 1
170322	CHEMICAL TECHNOLOGY 2

STUB: VISUAL AND PERFORMING ARTS

CSSC CODE	TITLE
100131	PHOTOGRAPHY, COMMERCIAL
100132	PHOTOGRAPHY, ADVANCED COMMERCIAL
100151	FILM MAKING AND PRODUCTION 1
100152	FILM MAKING AND PRODUCTION 2
500100	VISUAL AND PERFORMING ARTS, OTHER
	GENERAL
500111	AESTHETICS
500200	CRAFTS, OTHER
500211	CRAFTS 7
500212	CRAFTS 8
500213	CRAFTS 9
500214	CRAFTS 10
500215	CRAFTS 11
500216	CRAFTS 12
500221	CRAFTS 11, ADVANCED
500222	CRAFTS 12, ADVANCED
500231	DECORATOR CRAFTS
500241	ENAMELING
500251	JEWELRY 1
500252	JEWELRY 2
500253	JEWELRY 3
500254	JEWELRY 4
500261	CERAMICS 7
500262	CERAMICS 8
500263	CERAMICS 9
500264	CERAMICS 10
500265	CERAMICS 11
500266	CERAMICS 12
500271	TEXTILE DESIGN
500281	MODEL BUILDING
500300	DANCE, OTHER
500311	MODERN DANCE FOR BEGINNERS 9
500312	MODERN DANCE FOR BEGINNERS 10
500313	MODERN DANCE FOR BEGINNERS 11
500314	MODERN DANCE FOR BEGINNERS 12
500321	MODERN DANCE 9, INTERMEDIATE
500322	MODERN DANCE 10, INTERMEDIATE
500323	MODERN DANCE 11, INTERMEDIATE

500324	MODERN DANCE 12, INTERMEDIATE
500331	DANCE 9, ADVANCED
500332	DANCE 10, ADVANCED
500333	DANCE 11, ADVANCED
500334	DANCE 12, ADVANCED
500341	PERFORMING DANCE GROUP 9
500342	PERFORMING DANCE GROUP 10
500343	PERFORMING DANCE GROUP 11
500344	PERFORMING DANCE GROUP 12
500351	BALLET AND JAZZ FOR BEGINNERS 9
500352	BALLET AND JAZZ FOR BEGINNERS 10
500353	BALLET AND JAZZ FOR BEGINNERS 11
500354	BALLET AND JAZZ FOR BEGINNERS 12
500361	ETHNIC DANCE
500371	SQUARE DANCE
500381	AEROBIC DANCE
500400	DESIGN, OTHER
500411	GRAPHIC DESIGN
500421	THEATER MAKEUP
500431	LIGHTING FUNDAMENTALS, THEATER
500500	DRAMATIC ARTS, OTHER
500511	STAGECRAFT 9
500512	STAGECRAFT 10
500513	STAGECRAFT 11
500514	STAGECRAFT 12
500521	IMPROVISATION AND MIME
500531	PLAYWRITING
500541	THEATER PRACTICUM CONTRACT
500551	DRAMA, HISTORY
500561	DRAMA, INDEPENDENT STUDY
500600	FILM ARTS, OTHER
500611	FILM STUDY
500612	LANGUAGE OF THE CINEMA
500621	PHOTOGRAPHY 10
500622	PHOTOGRAPHY 11, ELEMENTARY
500623	PHOTOGRAPHY 12, ELEMENTARY
500631	PHOTOGRAPHY 11, ADVANCED
500632	PHOTOGRAPHY 12, ADVANCED
500700	FINE ARTS, OTHER
500701	FINE ARTS 7
500702	FINE ARTS 8
500703	ART, GENERAL
500704	ART 1
500705	ART 2
500706	ART 3
500707	ART 4
500708	ART 1, INDEPENDENT STUDY
500709	ART 2, INDEPENDENT STUDY
500714	DRAWING
500715	PAINTING 1
500716	PAINTING 2
500717	WATERCOLOR 1
500718	CARTOONING
500719	MURAL PAINTING
500720	SCULPTURE
500721	SILK SCREEN
500722	ASSEMBLAGE
500723	PRODUCT DESIGN
500724	LIFE DRAWING
500725	CALLIGRAPHY
500726	ART HISTORY AND APPRECIATION
500727	BLACK FINE ARTS
500728	MEXICO, FINE ARTS
500729	BICULTURAL ART
500730	ARTIST IN RESIDENCE PROGRAM
500731	ETHNIC ART HISTORY
500732	ART AS A MULTICULTURAL STUDY
500800	GRAPHIC ARTS TECHNOLOGY, OTHER
500811	COMPUTER GRAPHICS DESIGN
500900	MUSIC, OTHER
500901	MUSIC 7
500902	MUSIC 8
500903	BAND 7
500904	BAND 7, ADVANCED
500905	BAND 8
500906	BAND 8, ADVANCED
500907	BAND 9
500908	BAND 9, ADVANCED
500909	BAND, CONCERT
500910	BAND, MARCHING
500911	BAND, SYMPHONIC
500912	ORCHESTRA 7
500913	ORCHESTRA 7, ADVANCED
500914	ORCHESTRA 8
500915	ORCHESTRA 8, ADVANCED
500916	ORCHESTRA 9

500917	ORCHESTRA 9, ADVANCED
500918	ORCHESTRA 10
500919	ORCHESTRA 11
500920	ORCHESTRA 12
500921	INSTRUMENTAL STRING CLASS
500922	BRASS AND PERCUSSION CLASS
500923	WIND ENSEMBLE
500924	WOODWIND CLASS
500925	ELECTRONIC MUSIC, INTRODUCTION
500926	ENSEMBLE, INSTRUMENTAL
500927	GUITAR, BEGINNING
500928	GUITAR, INTERMEDIATE
500929	GUITAR, ADVANCED
500930	HANDBELLS
500931	PIANO 1
500932	PIANO 2
500933	ORGAN
500934	MUSIC LESSONS, APPLIED
500935	CHORUS 7
500936	CHORUS 7, ADVANCED
500937	CHORUS 8
500938	CHORUS 8, ADVANCED
500939	CHORUS 9
500940	CHORUS 9, ADVANCED
500941	CHORUS 10
500942	CHORUS 10, ADVANCED
500943	CHORUS 11
500944	CHORUS 11, ADVANCED
500945	CHORUS 12
500946	CHORUS 12, ADVANCED
500947	VOCAL ENSEMBLE
500948	VOICE CLASS
500949	HARMONY AND COMPOSITION
500950	ARRANGING
500951	CONDUCTING
500952	MUSIC THEORY
500953	MUSIC HISTORY 7
500954	MUSIC HISTORY 8
500955	MUSIC HISTORY 9
500956	MUSIC HISTORY 10
500957	MUSIC HISTORY 11
500958	MUSIC HISTORY 12
500959	MUSIC LITERATURE 9
500960	MUSIC LITERATURE 10
500961	MUSIC LITERATURE 11
500962	MUSIC LITERATURE 12
500963	MUSIC APPRECIATION
500964	FOLK MUSIC, ETHNIC
500965	MUSIC THEATER
500966	MUSIC, INDEPENDENT STUDY
500967	MUSIC LABORATORY, GENERAL SURVEY
509900	VISUAL AND PERFORMING ARTS, OTHER

STUB: VISUAL ARTS

CSSC CODE	TITLE
100131	PHOTOGRAPHY, COMMERCIAL
100132	PHOTOGRAPHY, ADVANCED COMMERCIAL
100151	FILM MAKING AND PRODUCTION 1
100152	FILM MAKING AND PRODUCTION 2
500200	CRAFTS, OTHER
500211	CRAFTS 7
500212	CRAFTS 8
500213	CRAFTS 9
500214	CRAFTS 10
500215	CRAFTS 11
500216	CRAFTS 12
500221	CRAFTS 11, ADVANCED
500222	CRAFTS 12, ADVANCED
500231	DECORATOR CRAFTS
500241	ENAMELING
500251	JEWELRY 1
500252	JEWELRY 2
500253	JEWELRY 3
500254	JEWELRY 4
500261	CERAMICS 7
500262	CERAMICS 8
500263	CERAMICS 9
500264	CERAMICS 10
500265	CERAMICS 11
500266	CERAMICS 12
500271	TEXTILE DESIGN
500281	MODEL BUILDING
500400	DESIGN, OTHER
500411	GRAPHIC DESIGN
500600	FILM ARTS, OTHER
500611	FILM STUDY
500612	LANGUAGE OF THE CINEMA
500621	PHOTOGRAPHY 10
500622	PHOTOGRAPHY 11, ELEMENTARY
500623	PHOTOGRAPHY 12, ELEMENTARY
500631	PHOTOGRAPHY 11, ADVANCED
500632	PHOTOGRAPHY 12, ADVANCED
500700	FINE ARTS, OTHER
500701	FINE ARTS 7
500702	FINE ARTS 8
500703	ART, GENERAL
500704	ART 1
500705	ART 2
500706	ART 3
500707	ART 4
500708	ART 1, INDEPENDENT STUDY
500709	ART 2, INDEPENDENT STUDY
500714	DRAWING
500715	PAINTING 1
500716	PAINTING 2
500717	WATERCOLOR 1
500718	CARTOONING
500719	MURAL PAINTING
500720	SCULPTURE
500721	SILK SCREEN
500722	ASSEMBLAGE
500723	PRODUCT DESIGN
500724	LIFE DRAWING
500725	CALLIGRAPHY
500800	GRAPHIC ARTS TECHNOLOGY, OTHER
500811	COMPUTER GRAPHICS DESIGN

STUB: DANCE

CSSC CODE	TITLE
500300	DANCE, OTHER
500311	MODERN DANCE FOR BEGINNERS 9
500312	MODERN DANCE FOR BEGINNERS 10
500313	MODERN DANCE FOR BEGINNERS 11
500314	MODERN DANCE FOR BEGINNERS 12
500321	MODERN DANCE 9, INTERMEDIATE
500322	MODERN DANCE 10, INTERMEDIATE
500323	MODERN DANCE 11, INTERMEDIATE
500324	MODERN DANCE 12, INTERMEDIATE
500331	DANCE 9, ADVANCED
500332	DANCE 10, ADVANCED
500333	DANCE 11, ADVANCED
500334	DANCE 12, ADVANCED
500341	PERFORMING DANCE GROUP 9
500342	PERFORMING DANCE GROUP 10
500343	PERFORMING DANCE GROUP 11
500344	PERFORMING DANCE GROUP 12
500351	BALLET AND JAZZ FOR BEGINNERS 9
500352	BALLET AND JAZZ FOR BEGINNERS 10
500353	BALLET AND JAZZ FOR BEGINNERS 11
500354	BALLET AND JAZZ FOR BEGINNERS 12
500361	ETHNIC DANCE
500371	SQUARE DANCE
500381	AEROBIC DANCE

STUB: THEATER PERFORMANCE

CSSC CODE	TITLE
500421	THEATER MAKEUP
500431	LIGHTING FUNDAMENTALS, THEATER
500500	DRAMATIC ARTS, OTHER
500511	STAGECRAFT 9
500512	STAGECRAFT 10
500513	STAGECRAFT 11
500514	STAGECRAFT 12
500521	IMPROVISATION AND MIME
500531	PLAYWRITING
500541	THEATER PRACTICUM CONTRACT
500561	DRAMA, INDEPENDENT STUDY

STUB: MUSIC PERFORMANCE

CSSC CODE	TITLE
500900	MUSIC, OTHER
500901	MUSIC 7
500902	MUSIC 8
500903	BAND 7
500904	BAND 7, ADVANCED
500905	BAND 8
500906	BAND 8, ADVANCED
500907	BAND 9
500908	BAND 9, ADVANCED
500909	BAND, CONCERT
500910	BAND, MARCHING
500911	BAND, SYMPHONIC
500912	ORCHESTRA 7
500913	ORCHESTRA 7, ADVANCED
500914	ORCHESTRA 8
500915	ORCHESTRA 8, ADVANCED
500916	ORCHESTRA 9
500917	ORCHESTRA 9, ADVANCED
500918	ORCHESTRA 10
500919	ORCHESTRA 11
500920	ORCHESTRA 12
500921	INSTRUMENTAL STRING CLASS
500922	BRASS AND PERCUSSION CLASS
500923	WIND ENSEMBLE
500924	WOODWIND CLASS
500925	ELECTRONIC MUSIC, INTRODUCTION
500926	ENSEMBLE, INSTRUMENTAL
500927	GUITAR, BEGINNING
500928	GUITAR, INTERMEDIATE
500929	GUITAR, ADVANCED
500930	HANDBELLS
500931	PIANO 1
500932	PIANO 2
500933	ORGAN
500934	MUSIC LESSONS, APPLIED
500935	CHORUS 7
500936	CHORUS 7, ADVANCED
500937	CHORUS 8
500938	CHORUS 8, ADVANCED
500939	CHORUS 9
500940	CHORUS 9, ADVANCED
500941	CHORUS 10
500942	CHORUS 10, ADVANCED
500943	CHORUS 11
500944	CHORUS 11, ADVANCED
500945	CHORUS 12
500946	CHORUS 12, ADVANCED
500947	VOCAL ENSEMBLE
500948	VOICE CLASS
500949	HARMONY AND COMPOSITION
500950	ARRANGING
500951	CONDUCTING
500952	MUSIC THEORY

STUB: ART OR MUSIC APPRECIATION/HIST

CSSC CODE	TITLE
500111	AESTHETICS
500551	DRAMA, HISTORY
500726	ART HISTORY AND APPRECIATION
500727	BLACK FINE ARTS
500728	MEXICO, FINE ARTS
500729	BICULTURAL ART
500730	ARTIST IN RESIDENCE PROGRAM
500731	ETHNIC ART HISTORY
500732	ART AS A MULTICULTURAL STUDY
500953	MUSIC HISTORY 7
500954	MUSIC HISTORY 8
500955	MUSIC HISTORY 9
500956	MUSIC HISTORY 10
500957	MUSIC HISTORY 11
500958	MUSIC HISTORY 12
500959	MUSIC LITERATURE 9
500960	MUSIC LITERATURE 10
500961	MUSIC LITERATURE 11
500962	MUSIC LITERATURE 12
500963	MUSIC APPRECIATION
500964	FOLK MUSIC, ETHNIC
500965	MUSIC THEATER

STUB: PHYSICAL ED,HEALTH, & SPORTS

CSSC CODE	TITLE
120211	SPORTS OFFICIATING
340100	HEALTH-RELATED ACTIVITIES, OTHER
340111	PHYSICAL AND HEALTH EDUCATION 7
340112	PHYSICAL AND HEALTH EDUCATION 8
340113	PHYSICAL AND HEALTH EDUCATION 9
340114	PHYSICAL EDUCATION 10
340115	PHYSICAL EDUCATION 11
340116	PHYSICAL EDUCATION 12
340121	ADAPTIVE PHYSICAL EDUCATION (MULTIHANDICAPPED)
340121	PHYSICAL EDUCATION, ADAPTIVE
340121	ADAPTIVE PHYSICAL EDUCATION. NONREGULAR PROGRAM
340122	PHYSICAL EDUCATION - MEDICALLY EXCUSED
340129	ADAPTIVE PHYSICAL EDUCATION (MULTIHANDICAPPED)
340129	ADAPTIVE PHYSICAL EDUCATION. NONREGULAR PROGRAM
340131	HEALTH 7
340132	HEALTH 8
340133	HEALTH 9
340134	HEALTH 10
340135	HEALTH 11
340136	HEALTH 12
340137	STATE REQUIREMENTS
340138	MODERN MEDICAL ISSUES
340141	DRUGS ALCOHOL AND TOBACCO
340171	LIFE SAVING
340181	SAFETY
340191	SEX EDUCATION
360100	LEISURE AND RECREATIONAL ACTIVITIES, OTHER
360111	SPORTS, INDIVIDUAL
360121	SPORTS, TEAM
360131	GYMNASTICS
360141	DRILL TEAM
360151	TRACK AND FIELD
360161	AQUATICS

360171	CONDITIONING AND ATHLETICS
360191	RECREATIONAL ACTIVITIES
360192	EXPERIENTIAL OUTDOOR EDUCATION

STUB: PHYSICAL EDUCATION

CSSC CODE	TITLE
340111	PHYSICAL AND HEALTH EDUCATION 7
340112	PHYSICAL AND HEALTH EDUCATION 8
340113	PHYSICAL AND HEALTH EDUCATION 9
340114	PHYSICAL EDUCATION 10
340115	PHYSICAL EDUCATION 11
340116	PHYSICAL EDUCATION 12
340121	ADAPTIVE PHYSICAL EDUCATION (MULTIHANDICAPPED)
340121	PHYSICAL EDUCATION, ADAPTIVE
340121	ADAPTIVE PHYSICAL EDUCATION. NONREGULAR PROGRAM
340122	PHYSICAL EDUCATION - MEDICALLY EXCUSED
340129	ADAPTIVE PHYSICAL EDUCATION (MULTIHANDICAPPED)
340129	ADAPTIVE PHYSICAL EDUCATION. NONREGULAR PROGRAM

STUB: HEALTH

CSSC CODE	TITLE
340100	HEALTH-RELATED ACTIVITIES, OTHER
340131	HEALTH 7
340132	HEALTH 8
340133	HEALTH 9
340134	HEALTH 10
340135	HEALTH 11
340136	HEALTH 12
340137	STATE REQUIREMENTS
340138	MODERN MEDICAL ISSUES
340141	DRUGS ALCOHOL AND TOBACCO
340181	SAFETY
340191	SEX EDUCATION

STUB: OTHER PERSONAL AND SOCIAL DEV

CSSC CODE	TITLE
070153	PERSONAL RECORDKEEPING
070613	SPEED WRITING
070721	TYPEWRITING, PERSONAL
080321	JUNIOR ACHIEVEMENT
090411	JOURNALISM 1
090412	JOURNALISM 2
090413	JOURNALISM 3
090431	LITERARY MAGAZINE
090441	YEARBOOK PRODUCTION 1
090442	YEARBOOK PRODUCTION 2
10[illegible]121	COMMUNICATIONS MEDIA PRODUCTION
170611	STUDENT ASSESSMENT OF CHILD HEALTH
240121	SUMMER ABROAD
250300	LIBRARY ASSISTING, OTHER
250311	LIBRARY ASSISTANT
270113	MATHEMATICS TUTORING
320101	UNUSED CODE
320102	CAREER PREPARATION
320103	CAREER EXPLORATION
320104	WORK EXPERIENCE
320105	WORK EXPERIENCE, ADVANCED
320116	UNUSED CODE
320117	UNUSED CODE
320120	UNUSED CODE
320201	RESOURCE ROOM (NON SPECIAL EDUCATION)
320211	STUDY DYNAMICS
320221	TEST TAKING
330100	CITIZENSHIP/CIVIC ACTIVITIES, OTHER
330111	STUDENT ASSISTANT
330121	PEP SQUAD
330131	STUDENT GOVERNMENT
330141	TUTORING
330151	COMMUNITY SERVICE
340151	DRIVER EDUCATION, CLASSROOM
340152	DRIVER EDUCATION, PRACTICE
340161	PHYSICAL EDUCATION LEADERSHIP TRAINING
350100	INTERPERSONAL SKILLS, OTHER
350111	INTERPERSONAL RELATIONSHIPS

350121	BUILDING HUMAN RELATIONSHIPS
350131	PEER COUNSELING
360181	MOTORCYCLE OPERATION
370100	PERSONAL AWARENESS, OTHER
370111	PERSONAL DEVELOPMENT TECHNIQUES
370121	COPING WITH PERSONAL PROBLEMS
370131	SELF PERCEPTION
450604	FILING YOUR INCOME TAXES
450605	INSURANCE THEORY
500711	ART SERVICES 10
500712	ART SERVICES 11
500713	ART SERVICES 12

STUB: DRIVERS EDUCATION

CSSC CODE	TITLE
340151	DRIVER EDUCATION, CLASSROOM
340152	DRIVER EDUCATION, PRACTICE
360181	MOTORCYCLE OPERATION

STUB: RELIGION/THEOLOGY

CSSC CODE	TITLE
300200	CLINICAL PASTORAL CARE, OTHER
380200	RELIGION, OTHER
380201	CATHOLICISM, FOUNDATIONS
380202	WHO IS JESUS
380203	SCRIPTURE
380204	MORAL ISSUES, SOCIAL AND INDIVIDUAL
380205	MARRIAGE, LIFE CHOICES IN CHRISTIAN LIVING
380206	COMPARATIVE RELIGION
380207	SACRAMENTS
380208	EASTERN RELIGIOUS THOUGHT
380209	RELIGION AND PSYCHOLOGY
380210	WESTERN RELIGIONS
380211	RELIGION AND LITERATURE
380212	RELIGION, INTRODUCTION
380213	PRAYER AND LITURGY
380214	JUDAISM, FOUNDATIONS
380215	PROTESTANTISM, FOUNDATIONS
380216	RELIGIOUS MOVEMENTS IN AMERICA
380217	ISLAM AND THE KORAN
389900	PHILOSOPHY AND RELIGION, OTHER
390100	BIBLICAL LANGUAGES, OTHER
390200	BIBLE STUDIES, OTHER
390300	MISSIONARY STUDIES, OTHER
390400	RELIGIOUS EDUCATION, OTHER
390500	RELIGIOUS MUSIC, OTHER
390600	THEOLOGICAL STUDIES, OTHER
390611	THEOLOGICAL STUDIES
399900	THEOLOGY, OTHER

STUB: ALL COURSES OTHER THAN ABOVE

CSSC CODE	TITLE
160940	UNUSED CODE
161311	SPANISH FOR NATIVE SPEAKERS 1
161312	SPANISH FOR NATIVE SPEAKERS 2
161313	SPANISH FOR NATIVE SPEAKERS 3
161314	SPANISH FOR NATIVE SPEAKERS 4
161315	SPANISH FOR NATIVE SPEAKERS 5/ADVANCED PLACEMENT
161321	PORTUGUESE FOR NATIVE SPEAKERS 1
161322	PORTUGUESE FOR NATIVE SPEAKERS 2
161323	PORTUGUESE FOR NATIVE SPEAKERS 3
161324	PORTUGUESE FOR NATIVE SPEAKERS 4
161331	ITALIAN FOR NATIVE SPEAKERS 1
161332	ITALIAN FOR NATIVE SPEAKERS 2
161333	ITALIAN FOR NATIVE SPEAKERS 3
161341	JAPANESE FOR NATIVE SPEAKERS 1
161342	JAPANESE FOR NATIVE SPEAKERS 2
161343	JAPANESE FOR NATIVE SPEAKERS 3
161351	CHINESE FOR NATIVE SPEAKERS 1
161352	CHINESE FOR NATIVE SPEAKERS 2
161353	CHINESE FOR NATIVE SPEAKERS 3
161361 #	FRENCH FOR NATIVE SPEAKERS 1
161362 #	FRENCH FOR NATIVE SPEAKERS 2
161363 #	FRENCH FOR NATIVE SPEAKERS 3
161364 #	FRENCH FOR NATIVE SPEAKERS 4
240100	LIBERAL/GENERAL STUDIES, OTHER
240111	LIBERAL STUDIES
240131	INDEPENDENT STUDY
240141	GIFTED AND TALENTED PROGRAM
250100	LIBRARY AND ARCHIVAL SCIENCES, OTHER GENERAL
250111	LIBRARY SCIENCE
250200	ARCHIVAL SCIENCE, OTHER
250400	LIBRARY SCIENCE, OTHER
250500	MUSEOLOGY, OTHER
259900	LIBRARY AND ARCHIVAL SCIENCES, OTHER
280100	AEROSPACE SCIENCE (AIR FORCE), OTHER
280111	AEROSPACE EDUCATION
280112	AEROSPACE EDUCATION 2

280113	AEROSPACE EDUCATION 3
280114	AEROSPACE EDUCATION 4
280121	CIVIL AIR PATROL
280200	COAST GUARD SCIENCE, OTHER
280300	MILITARY SCIENCE (ARMY), OTHER
280311	ARMY LEADERSHIP DEVELOPMENT, INTRODUCTION
280312	ARMY INTERMEDIATE LEADERSHIP DEVELOPMENT
280313	ARMY APPLIED LEADERSHIP DEVELOPMENT
280314	ARMY ADVANCED LEADERSHIP DEVELOPMENT
280400	NAVAL SCIENCE (NAVY, MARINES), OTHER
280411	NAVAL SCIENCE 1
280412	NAVAL SCIENCE 2
280413	NAVAL SCIENCE 3
280414	NAVAL SCIENCE 4
280421	MARINE CORPS LEADERSHIP EDUCATION 1
280422	MARINE CORPS LEADERSHIP EDUCATION 2
280423	MARINE CORPS LEADERSHIP EDUCATION 3
280424	MARINE CORPS LEADERSHIP EDUCATION 4
289900	MILITARY SCIENCES, OTHER
290100	MILITARY TECHNOLOGIES, OTHER
309900	MULTI/INTERDISCIPLINARY STUDIES, OTHER
320100	BASIC SKILLS, CAREER AND EMPLOYMENT, OTHER
320112	UNUSED CODE
320114	UNUSED CODE
320200	BASIC SKILLS, GENERAL, OTHER
320201 #	RESOURCE ROOM (NON SPECIAL EDUCATION)
541001	GENERAL MATH SKILLS
541009	FUNCTIONAL MATH SKILLS, NOT FOR CREDIT
541101	FUNCTIONAL CONSUMER MATH
541109	FUNCTIONAL CONSUMER MATH, NOT FOR CREDIT
541201	FUNCTIONAL VOCATIONAL MATH
541209	FUNCTIONAL VOCATIONAL MATH, NOT FOR CREDIT
542011	FUNCTIONAL LANGUAGE ARTS 1
542019	FUNCTIONAL LANGUAGE ARTS 1, NOT FOR CREDIT
542021	FUNCTIONAL LANGUAGE ARTS 2
542029	FUNCTIONAL LANGUAGE ARTS 2, NOT FOR CREDIT

542031	FUNCTIONAL LANGUAGE ARTS 3
542039	FUNCTIONAL LANGUAGE ARTS 3, NOT FOR CREDIT
542041	FUNCTIONAL LANGUAGE ARTS 4
542049	FUNCTIONAL LANGUAGE ARTS 4, NOT FOR CREDIT
542051	FUNCTIONAL VOCATIONAL ENGLISH;
542059	FUNCTIONAL VOCATIONAL ENGLISH, NOT FOR CREDIT
542101	FUNCTIONAL READING
542109	FUNCTIONAL READING, NOT FOR CREDIT
542201	FUNCTIONAL ORAL COMMUNICATION
542209	FUNCTIONAL ORAL COMMUNICATION, NOT FOR CREDIT
542301	FUNCTIONAL WRITING
542309	FUNCTIONAL WRITING, NOT FOR CREDIT
542401	FUNCTIONAL ACADEMICS
542409	FUNCTIONAL ACADEMICS, NOT FOR CREDIT
543001	ACTIVITIES OF DAILY AND FAMILY LIVING
543009	ACTIVITIES OF DAILY AND FAMILY LIVING, NOT FOR CREDIT
543101	SOCIAL/BEHAVIORAL SKILLS
543109	SOCIAL/BEHAVIORAL SKILLS, NOT FOR CREDIT
543201	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS
543209	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS, NOT FOR CREDIT
543301	FUNCTIONAL HEALTH
543309	FUNCTIONAL HEALTH, NOT FOR CREDIT
543401	FUNCTIONAL TRANSITION SKILLS
543409	FUNCTIONAL TRANSITION SKILLS, NOT FOR CREDIT
544001	FUNCTIONAL SCIENCE
544009	FUNCTIONAL SCIENCE, NOT FOR CREDIT
544501	FUNCTIONAL SOCIAL SKILLS
544509	FUNCTIONAL SOCIAL STUDIES, NOT FOR CREDIT
549401	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES
549409	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES, NOT FOR CREDIT
550001	GENERAL PREVOCATIONAL PREPARATION
550009	GENERAL PREVOCATIONAL PREPARATION, NOT FOR CREDIT

550101	CAREER EXPLORATION
550109	CAREER EXPLORATION, NOT FOR CREDIT
550201	GENERAL WORK-STUDY/EXPERIENCE
550209	GENERAL WORK-STUDY/EXPERIENCE, NOT FOR CREDIT
550301	GENERAL WORK EXPERIENCE
550309	GENERAL WORK EXPERIENCE, NOT FOR CREDIT
550401	COMBINED VOCATIONAL/ACADEMIC PREPARATION
550409	COMBINED VOCATIONAL/ACADEMIC PREPARATION, NOT FOR CREDIT
551011	GENERAL AGRICULTURE 1
551019	GENERAL AGRICULTURE 1, NOT FOR CREDIT
551021	GENERAL AGRICULTURE 2
551029	GENERAL AGRICULTURE 2, NOT FOR CREDIT
551031	GENERAL AGRICULTURE 3
551039	GENERAL AGRICULTURE 3, NOT FOR CREDIT
551111	ANIMAL CARE 1
551119	ANIMAL CARE 1, NOT FOR CREDIT
551121	ANIMAL CARE 2
551129	ANIMAL CARE 2, NOT FOR CREDIT
551211	PLANT CARE 1
551219	PLANT CARE 1, NOT FOR CREDIT
551221	PLANT CARE 2
551229	PLANT CARE 2, NOT FOR CREDIT
551311	AGRICULTURAL MECHANICS 1
551319	AGRICULTURAL MECHANICS 1, NOT FOR CREDIT
551321	AGRICULTURAL MECHANICS 2
551329	AGRICULTURAL MECHANICS 2, NOT FOR CREDIT
551411	AGRICULTURAL WORK STUDY
551419	AGRICULTURAL WORK STUDY, NOT FOR CREDIT
551511	AGRICULTURAL WORK EXPERIENCE
551519	AGRICULTURAL WORK EXPERIENCE, NOT FOR CREDIT
552011	GENERAL OFFICE PRACTICE 1
552019	GENERAL OFFICE PRACTICE 1, NOT FOR CREDIT
552021	GENERAL OFFICE PRACTICE 2
552031	GENERAL OFFICE PRACTICE 3
552111	OFFICE MACHINES 1
552121	OFFICE MACHINES 2
552211	BUSINESS WORD STUDY 1
552221	BUSINESS WORK STUDY 2
552311	BUSINESS WORK EXPERIENCE 1
552321	BUSINESS WORK EXPERIENCE 2
553011	GENERAL HEALTH OCCUPATIONS 1
553019	GENERAL HEALTH OCCUPATIONS 1, NOT FOR CREDIT
553021	GENERAL HEALTH OCCUPATIONS 2
553029	GENERAL HEALTH OCCUPATIONS 2, NOT FOR CREDIT
553031	GENERAL HEALTH OCCUPATIONS 3
553039	GENERAL HEALTH OCCUPATIONS 3, NOT FOR CREDIT
553111	HEALTH OCCUPATIONS WORK STUDY 1
553119	HEALTH OCCUPATIONS WORK STUDY 1, NOT FOR CREDIT
553121	HEALTH OCCUPATIONS WORK STUDY 2
553129	HEALTH OCCUPATIONS WORK STUDY 2, NOT FOR CREDIT
553211	HEALTH OCCUPATIONS WORK EXPERIENCE 1
553219	HEALTH OCCUPATIONS WORK EXPERIENCE 1, NOT FOR CREDIT
553221	HEALTH OCCUPATIONS WORK EXPERIENCE 2
553229	HEALTH OCCUPATIONS WORK EXPERIENCE 2 NOT FOR CREDIT
554011	GENERAL HOME ECONOMICS 1
554019	GENERAL HOME ECONOMICS 1, NOT FOR CREDIT
554021	GENERAL HOME ECONOMICS 2
554029	GENERAL HOME ECONOMICS 2, NOT FOR CREDIT
554031	GENERAL HOME ECONOMICS 3
554039	GENERAL HOME ECONOMICS 3, NOT FOR CREDIT
554111	CHILD DEVELOPMENT 1
554119	CHILD DEVELOPMENT 1, NOT FOR CREDIT
554121	CHILD DEVELOPMENT 2
554129	CHILD DEVELOPMENT 2, NOT FOR CREDIT
554211	CLOTHING AND TEXTILES 1
554219	CLOTHING AND TEXTILES 1, NOT FOR CREDIT
554221	CLOTHING AND TEXTILES 2
554229	CLOTHING AND TEXTILES 2, NOT FOR CREDIT
554311	FOOD AND NUTRITION 1
554319	FOOD AND NUTRITION 1, NOT FOR CREDIT
554321	FOOD AND NUTRITION 2
554329	FOOD AND NUTRITION 2, NOT FOR CREDIT

554411	HOME ECONOMICS WORK STUDY 1
554419	HOME ECONOMICS WORK STUDY 1, NOT FOR CREDIT
554421	HOME ECONOMICS WORK STUDY 2
554429	HOME ECONOMICS WORK STUDY 2, NOT FOR CREDIT
554511	HOME ECONOMICS WORK EXPERIENCE 1
554519	HOME ECONOMICS WORK EXPERIENCE 1, NOT FOR CREDIT
554521	HOME ECONOMICS WORK EXPERIENCE 2
554529	HOME ECONOMICS WORK EXPERIENCE 2, NOT FOR CREDIT
555011	GENERAL INDUSTRIAL ARTS 1
555019	GENERAL INDUSTRIAL ARTS 1, NOT FOR CREDIT
555021	GENERAL INDUSTRIAL ARTS 2
555029	GENERAL INDUSTRIAL ARTS 2, NOT FOR CREDIT
555031	GENERAL INDUSTRIAL ARTS 3
555039	GENERAL INDUSTRIAL ARTS 3, NOT FOR CREDIT
556111	COSMETOLOGY/BARBER 1
556119	COSMETOLOGY/BARBER 1, NOT FOR CREDIT
556121	COSMETOLOGY/BARBER 2
556129	COSMETOLOGY/BARBER 2, NOT FOR CREDIT
556211	CUSTODIAL AND HOUSEKEEPING SERVICES 1
556219	CUSTODIAL AND HOUSEKEEPING SERVICES 1, NOT FOR CREDIT
556221	CUSTODIAL AND HOUSEKEEPING SERVICES 2
556229	CUSTODIAL AND HOUSEKEEPING SERVICES 2, NOT FOR CREDIT
556311	FOOD SERVICES 1
556319	FOOD SERVICES 1, NOT FOR CREDIT
556321	FOOD SERVICES 2
556329	FOOD SERVICES 2, NOT FOR CREDIT
556411	MISCELLANEOUS SERVICES 1
556419	MISCELLANEOUS SERVICES 1, NOT FOR CREDIT
556421	MISCELLANEOUS SERVICES 2
556429	MISCELLANEOUS SERVICES 2, NOT FOR CREDIT
556511	SERVICE OCCUPATIONS WORK STUDY 1
556519	SERVICE OCCUPATIONS WORK STUDY 1, NOT FOR CREDIT
556521	SERVICE OCCUPATIONS WORK STUDY 2
556529	SERVICE OCCUPATIONS WORK STUDY 2, NOT FOR CREDIT
556611	SERVICE OCCUPATIONS WORK EXPERIENCE 1
556619	SERVICE OCCUPATIONS WORK EXPERIENCE 1, NOT FOR CREDIT
556621	SERVICE OCCUPATIONS WORK EXPERIENCE 2
556629	SERVICE OCCUPATIONS WORK EXPERIENCE 2, NOT FOR CREDIT
557111	GRAPHIC AND PRINTING COMMUNICATIONS 1
557119	GRAPHIC AND PRINTING COMMUNICATIONS 1, NOT FOR CREDIT
557121	GRAPHIC AND PRINTING COMMUNICATIONS 2,
557129	GRAPHIC AND PRINTING COMMUNICATIONS 2, NOT FOR CREDIT
557211	LEATHERWORK AND UPHOLSTERY 1,
557219	LEATHERWORK AND UPHOLSTERY 1, NOT FOR CREDIT
557221	LEATHERWORK AND UPHOLSTERY 2
557229	LEATHERWORK AND UPHOLSTERY 2, NOT FOR CREDIT
557311	MEATCUTTING 1
557319	MEATCUTTING 1, NOT FOR CREDIT
557321	MEATCUTTING 2
557329	MEATCUTTING 2, NOT FOR CREDIT
557411	PRECISION PRODUCTION WORK STUDY 1
557419	PRECISION PRODUCTION WORK STUDY 1, NOT FOR CREDIT
557421	PRECISION PRODUCTION WORK STUDY 2
557429	PRECISION PRODUCTION WORK STUDY 2, NOT FOR CREDIT
557511	PRECISION PRODUCTION WORK EXPERIENCE 1
557519	PRECISION PRODUCTION WORK EXPERIENCE 1, NOT FOR CREDIT
557521	PRECISION PRODUCTION WORK EXPERIENCE 2
557529	PRECISION PRODUCTION WORK EXPERIENCE 2 NOT FOR CREDIT
558011	GENERAL CONSTRUCTION TRADES 1
558019	GENERAL CONSTRUCTION TRADES 1, NOT FOR CREDIT
558021	GENERAL CONSTRUCTION TRADES 2
558029	GENERAL CONSTRUCTION TRADES 2, NOT FOR CREDIT
558031	GENERAL CONSTRUCTION TRADES 3
558039	GENERAL CONSTRUCTION TRADES 3, NOT FOR CREDIT

558111	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1
558119	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1, NOT FOR CREDIT
558121	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2
558129	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2, NOT FOR CREDIT
558211	CARPENTRY 1
558219	CARPENTRY 1, NOT FOR CREDIT
558221	CARPENTRY 2
558229	CARPENTRY 2, NOT FOR CREDIT
558311	PLUMBING 1
558319	PLUMBING 1, NOT FOR CREDIT
558321	PLUMBING 2
558329	PLUMBING 2, NOT FOR CREDIT
558411	CONSTRUCTION TRADES WORK STUDY 1
558419	CONSTRUCTION TRADES WORK STUDY 1, NOT FOR CREDIT
558421	CONSTRUCTION TRADES WORK STUDY 2
558429	CONSTRUCTION TRADES WORK STUDY 2, NOT FOR CREDIT
558511	CONSTRUCTION TRADES WORK EXPERIENCE 1
558519	CONSTRUCTION TRADES WORK EXPERIENCE 1, NOT FOR CREDIT
558521	CONSTRUCTION TRADES WORK EXPERIENCE 1
558529	CONSTRUCTION TRADES WORK EXPERIENCE 2 NOT FOR CREDIT
559011	AUTO SERVICE 1
559019	AUTO SERVICE 1, NOT FOR CREDIT
559021	AUTO SERVICE 2
559029	AUTO SERVICE 2, NOT FOR CREDIT
559111	AUTO SERVICE, WORK EXPERIENCE 1
559119	AUTO SERVICE, WORK EXPERIENCE 1, NOT FOR CREDIT
559121	AUTO SERVICE, WORK EXPERIENCE 2
559129	AUTO SERVICE, WORK EXPERIENCE 2, NOT FOR CREDIT
562300	SPECIAL EDUCATION LANGUAGE ARTS
562301 #	RESOURCE LANGUAGE ARTS/ENGLISH 1
562302 #	RESOURCE LANGUAGE ARTS/ENGLISH 2
562303 #	RESOURCE LANGUAGE ARTS/ENGLISH 3
562304 •	RESOURCE LANGUAGE ARTS/ENGLISH 4
562309	RESOURCE LANGUAGE ARTS/ENGLISH, NOT FOR CREDIT
562310	SPECIAL EDUCATION READING
562311	RESOURCE READING
562319	RESOURCE READING, NOT TAKEN FOR CREDIT
562320	SPECIAL EDUCATION WRITING
562321	RESOURCE WRITING
562329	RESOURCE WRITING, NOT FOR CREDIT
562700	SPECIAL EDUCATION MATH
562701	RESOURCE GENERAL MATH
562709	RESOURCE GENERAL MATH, NOT FOR CREDIT
562711	RESOURCE VOCATIONAL MATH
562719	RESOURCE VOCATIONAL MATH, NOT FOR CREDIT
562721	RESOURCE CONSUMER MATH
562729	RESOURCE CONSUMER MATH, NOT FOR CREDIT
563201	RESOURCE CAREER EXPLORATION/PREVOCATIONAL SKILLS
563209	RESOURCE CAREER EXPLORATION/PREVOCATIONAL SKILL, NOT FOR CREDIT
563211	RESOURCE TRANSITION SKILLS
563219	RESOURCE TRANSITION SKILLS, NOT FOR CREDIT
564000	SPECIAL EDUCATION GENERAL SCIENCE
564001	RESOURCE GENERAL SCIENCE
564009	RESOURCE GENERAL SCIENCE, NOT FOR CREDIT
564500	SPECIAL EDUCATION SOCIAL STUDIES
564501	RESOURCE SOCIAL STUDIES
564509	RESOURCE SOCIAL STUDIES, NOT FOR CREDIT
569001	GENERAL TUTORIAL SERVICES
569009	GENERAL TUTORIAL SERVICES, NOT FOR CREDIT
569101	RESOURCE STUDY SKILLS
569109	RESOURCE STUDY SKILLS, NOT FOR CREDIT
569201	SCHOOL AND SOCIAL SURVIVAL SKILLS
569209	SCHOOL AND SOCIAL SURVIVAL SKILLS, NOT FOR CREDIT
569301	RESOURCE SURVIVAL SKILLS
569309	RESOURCE SURVIVAL SKILLS, NOT FOR CREDIT
569401	HANDICAP SPECIFIC SUPPORT SERVICES

569409 HANDICAP SPECIFIC SUPPORT SERVICES, NOT FOR CREDIT

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